

City of Miami Beach, 1700 Convention Center Drive, Miami Beach, Florida 33139, www.miamibeachfl.gov

### COMMITTEE MEMORANDUM

TO:

Mayor Dan Gelber and Members of the City Commission

FROM:

Rafael A. Paz, City Attorney

DATE:

July 28, 2023

SUBJECT:

**BUDGETING PROCESS FOR CITY ATTORNEY'S OFFICE** 

This referral item, sponsored by Vice-Mayor Ricky Arriola, requests for the City Attorney's Office (CAO) to review its budgeting process, particularly as it relates to settlement projections and outside counsel.

### 1. The City Attorney's Office Budget

The departmental budget for the City Attorney's Office is set forth in the City's annual operating budget book, covering the salary expenses, overhead and office expenses for the 15 attorneys and 9 administrative assistants in the Office. The CAO's Work Plan and Organizational Chart are attached as **Exhibit 1.** 

The City Attorney's Office is involved in nearly all matters involving the governance and operation of the City. All of our attorneys and staff contribute to the work of the City and the CAO's core function of providing legal advice to the Mayor and City Commission, City Manager, administrative departments, and numerous advisory boards and committees. The City Attorney's Office practice areas include the following:

- Legislation and Land Use: Attorneys in the office research, draft, or review for legal sufficiency all ordinances and resolutions presented to the City Commission, including, without limitation, land use/zoning matters, ballot measures, quality of life legislation, tax matters, and hundreds of other matters involving City Commission policy directives.
- Transactions: Attorneys in the office draft, negotiate or review all contracts involving the
  operation and business affairs of the City, including leases or management agreements
  for City facilities, construction contracts, and complex development agreements and
  related documents for major public-private partnerships.
- Regulatory/Commercial: Attorneys in the office advise the City's Building, Fire, Planning and Public Works departments in the performance of their regulatory duties, as well as the Finance Department with regard to tax matters, collections and garnishments.
- Litigation and Enforcement: Attorneys in the office represent the City in all federal and state litigation to which the City is a party, as well as administrative proceedings and appeals, including complex land use board appeals.
- Municipal Prosecutions/Police Legal Advisors: Attorneys in the office prosecute all violations of City criminal ordinance offenses, handle civil forfeiture actions, administer the Justice Advocate Program for monitoring of certain cases prosecuted by the State

Attorney's Office involving offenders of special concern, and routinely advise the Police Department on legal issues in connection with pending investigations.

The CAO's budget is developed as part of the City's overall budget development process that commences in December/January and continues through the end of September when the final budgets are adopted by the City Commission. During this time, an in-depth review of each department's budgets is completed and several meetings are held to discuss each department's current operations and anticipated needs for the upcoming year, before the budgets are presented to the Finance and Economic Resiliency Committee (FERC) at the budget briefings in June and July, and thereafter the City Commission as part of the approval of the final budget. Additional details regarding the annual budget development process can be found in the City's annual operating budget book.

Recently, on May 25, 2023, in LTC No. 242-2023, *Fiscal Year Second Quarter Analysis*, the Administration advised that the City Attorney's Office is projected to be <u>below</u> its current amended budget by 5.9%, or \$448,000.

### 2. The Risk Management Claims Fund

The operation of the City, including its police functions and other regulatory functions, exposes the City to a wide variety of civil claims. Since the 1980s, the City has self-insured for automobile liability, general liability, police professional liability, public official liability, and statutory workers' compensation benefits for injured employees (the majority of which are police/fire personnel). The City does, however, carry excess workers' compensation for catastrophic on-the-job injuries as well as property, flood, and windstorm insurance to cover losses to City buildings.

The budget information relating to the City's claims liability expenses, including the settlement projections and outside legal counsel fees requested as part of this referral item, does not reside in the City Attorney's Office budget. Rather, those expenses reside with the Risk Management division of the Human Resources department and are administered as part of the Risk Management Claims Fund (the "Claims Fund").

The Claims Fund derives revenue from all City departments through an allocation formula, investment income earned on cash and investments within the Claims Fund, and insurance settlements or payouts received from time to time. In addition, the Claims Fund occasionally receives reimbursements for outside counsel expenses, when such expenses are covered under an indemnity or other contractual agreement. As required by the applicable financial report standards of Governmental Accounting and Standards Board (GSAB), the Claims Fund is budgeted an amount based on an annual actuarial computation provided by an independent third-party actuary of estimated claims losses and case reserves, including an estimate for known claims, claims incurred but not yet reported, and associated loss adjustment expenses, including outside counsel fees.

The budgets for the CAO and the City's Risk Management Claims Fund are attached as **Exhibit**2. The Claims Fund, which is maintained separately from the General Fund Reserve and other

<sup>&</sup>lt;sup>1</sup> With respect to state law negligence claims, the City enjoys sovereign immunity pursuant to §768.28, Fla. Stat., with recovery for all claimants generally capped at a maximum statutory limit of \$300,000 per incident. The statutory cap for negligence claims may be exceeded with approval of the Florida Legislature via a "claims bill" process (a rare occurrence). Sovereign immunity is not available for claims asserting violations of federal law.

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reserve funds of the City, had a balance of approximately **\$39.4 million** as of September 30, 2022. Of this amount, approximately **\$16 million** is currently encumbered for known claims liability in accordance with Governmental Accounting and Standards Board – *Accounting and Financial Reporting for Risk Financing and Related Insurance Issues* (GASB No 10), as required by the actuarial reports.

The most recent Actuarial Study, dated September 30, 2022, is attached as **Exhibit 3**. Among other factors, the Actuarial Study takes into account the City Attorney's annual audit disclosures, which are prepared in accordance with applicable GASB and professional standards. The City's audit letter dated September 30, 2022 is attached as **Exhibit 4**.

### 3. FY 2023 Second Quarter - Recent Adjustments to Claims Fund

In LTC No. 242-2023, *Fiscal Year Second Quarter Analysis*, the Administration advised that the City's actuary has projected the Claims Fund to be 10.6%, or \$2.6 million, <u>above</u> the current amended budget, primarily due to unforeseen increases in tort claims incurred but not reported (IBNR). This material change in the City's tort liability exposure in the 2<sup>nd</sup> quarter of FY 2023 is largely due to the impacts of HB 837, the comprehensive Tort Reform bill that Governor DeSantis signed into law and which took effect on March 24, 2023. The Tort Reform bill reduced the statute of limitations for many claimants to assert a negligence claims from four (4) years to two (2) years, among other new limitations. As a result, many negligence claimants with claims aged between 2-4 years rushed to the courthouse to file their lawsuits before the new limitations period took effect.

Specifically, just before the law went into effect, the City experienced a wave of approximately 25 new tort cases filed against the City in a three-day period (March 21, 2023, March 22, 2023 and March 23, 2023), including, without limitation, a wrongful death action involving a drowning incident that occurred at the Scott Rakow Youth Center last year. This extraordinary, one-time surge in case filings was consistent with the statewide increase in tort case filings by plaintiffs seeking to avoid the application of the new law before it went into effect. To underscore the impact of the cases filed in the 3 days before the new law went into effect, the new case filings represent nearly a 100% increase in the CAO's pending cases — nearly doubling the City's entire tort litigation caseload in one fell swoop. In the long-term, the City anticipates that it will benefit from the prospective limitations set forth in the new Tort Reform bill, particularly the new rules on comparative negligence, which will now bar a plaintiff's recovery of damages if a plaintiff is determined to bear 51% or more in responsibility for an incident. Accordingly, the new law will significantly reduce the City's tort liability exposure over time.

In addition, the City is monitoring other legislative changes which may significantly alter its claims liability risk profile, such as SB 170, which creates a cause of action allowing for anyone to challenge any local ordinance by merely alleging that the ordinance is arbitrary or unreasonable, with the filing of the lawsuit automatically suspending the enforcement of the new ordinance and providing for damages and attorneys fee provisions. If SB 170 becomes law, we anticipate that the new law would create a cottage industry of lawsuits against municipalities and would have a dramatic impact on the City's litigation budget and overall claims liability exposure for ordinances adopted by the City Commission.

As explained in LTC No. 242-2023, any overage realized at year-end in terms of claims liability with regard to any matter involving the Claims Fund will be addressed with the use of prior year fund balance noted in Section 2 above.

### 4. <u>Update on FY 2023 Litigation Matters</u>

The City's litigation caseload generally consists of police liability cases (false arrest cases, excessive force cases, and the like), negligence and premises liability cases, commercial cases (contract-related disputes, construction disputes, and land use-related litigation), foreclosure matters (revenue-generating matters involving the satisfaction of liens for unpaid taxes and/or fees), and matters challenging the validity of City Commission ordinances or the City Commission's procurement-related decisions.

The CAO currently has only 3 attorneys dedicated on a full-time basis to litigation matters, under the supervision of the Chief Deputy City Attorney, who also handles all employment and laborrelated administrative matters, and certain legislative matters.

### i. Police Liability Cases

With respect to police liability cases, the CAO aggressively litigates these matters to obtain dismissals or otherwise successfully resolve the matter, with an in-house CAO attorney representing the City in every case, and the law firm of Switkes & Zappala, a local law firm based in Miami Beach, representing individual police officers when the officers are sued in their individual capacities. These efforts include aggressive motion practice, written discovery, taking and defending multiple depositions, and trial (if not otherwise settled or dismissed). The following is a representative list of police liability cases that the CAO litigation team is currently litigating or has recently won or otherwise resolved through settlements favorable to the City:

|     | CASE NAME                         | CASE NUMBER   | CASE TYPE   | STATUS   |
|-----|-----------------------------------|---|---|--|
| 1.  | Alberonick Valsaint v. CMB et al. | 21-24143-CIV-RNS (S.D.<br>Fla.)                     | 42 U.S.C. 1983False arrest, excessive force, etc.                                   | City obtained successful dismissal by the court.   |
| 2.  | Ari Teman v. CMB et al.           | 23-cv-21361-RNS<br>(S.D. Fla)                       | Civil rights - pro se plaintiff   | City obtained successful dismissal by the court.   |
| 3.  | Brandon Pruitt v. CMB, et al.     | 23-cv-21217-AMC (S.D. Fla)                          | Pro se prisoner - false arrest  | City obtained successful dismissal by the court.   |
| 4.  | C.W. v. CMB et al.                | 2021-011445-CA-32 (11th<br>Jud. Cir. Circuit Court) | False arrest, battery & malicious prosecution                                       | In discovery phase   |
| 5.  | Carmelo Callejas v. CMB et al.    | 21-23294-CIV-BB (S.D.<br>Fla.)                      | 42 U.S.C. 1983 excessive force, assault, battery, etc.                              | City obtained successful dismissal by the court.   |
| 6.  | CMB v. D.F.                       | 2022-016099-CA-01 (11th<br>Jud. Cir. County Court)  | Equitable relief - Citizens Bill of Rights; malicious prosecution against Rothstein | Case stayed pending resolution of federal case court order 3/11/23                         |
| 7.  | Cody Wade v. CMB et al.           | 21-22619-CIV-RNS (S.D.<br>Fla.) – 42 U.S.C. 1983    | Excessive force, etc.   | City obtained successful dismissal by the court.  Case against officers favorably settled. |
| 8.  | Darius Stephens v. MBPD et al.    | 2022-23516-SP-05 (11th<br>Jud. Cir. County Court)   | Illegal search & seizure, false citation  | City obtained successful dismissal by the court.   |
| 9.  | David Wright v. CMB               | 22-23133-CIV-CMA (S.D. Fla.)                        | Pro se 42 U.S.C. 1983 excessive force, etc.   | City obtained successful dismissal by the court.   |
| 10. | Eliakim Brown v. CMB et al.       | 21-25196-CIV-MGC (S.D.<br>Fla.)                     | Pro se 42 U.S.C. 1983 false arrest, etc.  | City obtained successful dismissal by the court.   |

|     | CASE NAME  | CASE NUMBER   | CASE TYPE   | STATUS   |
|-----|--|---|---|--|
| 11. | Ernesto Orsetti v. CMB et al.  | 2021-022375-CA-31 (11th<br>Jud. Cir. Circuit Court)   | Malicious prosecution & abuse of process  | City obtained successful dismissal by the court.   |
| 12. | Isaac Edouard v. CMB   | 2020-018109-CA-01 (11th<br>Jud. Cir. Circuit Court)   | False arrest  | In discovery phase   |
| 13. | Jamel Cobb v. Jossue<br>Dominguez etc.                                     | 2020-003163-CA-01 (11th<br>Jud Cir Circuit Civil)     | False arrest, excessive force, assault & battery all in one count                     | In discovery phase   |
| 14. | Jamie Senko v. CMB et al.  | 20-61845-CIV-AHS (S.D.<br>Fla.)                       | 42 U.S.C. 1983 excessive force, false arrest, etc.                                    | City obtained successful dismissal by the court.   |
| 15. | Khalid Vaughn & Sharif<br>Cobb v. CMB et al.                               | 22-21109-CIV-CMA (S.D. Fla.)                          | 42 U.S.C. 1983, excessive force, etc.   | City obtained favorable global settlement  |
| 16. | Lamont Collins v. CMB et al.   | 21-24489-CIV-KMW (S.D. Fla.)                          | Pro se 42 U.S.C. 1983 Excessive force, false arrest, etc.                             | Motions to dismiss pending   |
| 17. | Lowell Poitier v. CMB et al.   | 22-23896-CV-KMM (S.D.<br>Fla.)                        | 42 U.S.C. 1983 excessive force, false arrest, etc.                                    | City obtained successful dismissal by the court.   |
| 18. | Mariyah Maple v. CMB et al.  | 21-23960-CIV-BB (S.D.<br>Fla.)                        | Unconstitutionality of City<br>Code 70-8, false arrest,<br>excessive force, etc.      | City obtained favorable global settlement  |
| 19. | Nathan Hackett v. Delgado et al.   | 22-cv-21515-DPG (S.D.<br>Fla.)                        | 1983 force  | City obtained successful dismissal by the court.   |
| 20. | Nicholas Cunningham &<br>Osiris Miami LLC v. MBPD<br>and Carlos Velledares | 2022-23195-SP-05 (11th<br>Jud. Cir. County Court)     | Police impounding cannabis products causing business to lose \$2000 in sales          | City obtained successful dismissal by the court.   |
| 21. | Nicholas Cunningham v.<br>MBPD et al.                                      | 2022-009501-SP-05 (11th<br>Jud. Cir. County Court)    | Police seizure of marijuana/THC-containing products                                   | City obtained successful dismissal by the court.   |
| 22. | Osiris Miami LLC v. MBPD   | 2022-023195-SP-05 (11th<br>Jud. Cir. County Court)    | Police seizure of marijuana/THC-containing products                                   | City obtained successful dismissal by the court.   |
| 23. | Richard Johnson v. CMB et al.  | 18-23925-CIV-AHS (S.D. Fla.)                          | 42 U.S.C. 1983 battery, false arrest, etc.  | City obtained favorable global settlement  |
| 24. | Ronald Saint-Vil v. CMB et al.   | 22-11990-BB (S.D. Fla.)                               | Battery, negligent infliction of emotional distress, failure to train/supervise, etc. | City obtained successful dismissal by the court.  Case against officers favorably settled. |
| 25. | Senko, Jamie v. CMB  | 22-11990-CA-11 (U.S. Ct. of Appeals for the 11th Cir) | 1983 excessive force  | City obtained successful dismissal by the court.   |
| 26. | William Sarubbi v. CMB et al.  | 2022-023501-CA-24 (11th<br>Jud. Cir. Circuit Court)   | 42 U.S.C. 1983 excessive force, false arrest, negligent retention, etc.               | Motions to dismiss pending   |

### ii. Tort and Commercial Litigation

The CAO's 3 civil litigators also handle the vast majority of tort (personal injury) and commercial litigation asserted against the City in-house. The CAO has obtained dismissals and/or has successfully resolved approximately 20 personal injury cases this year, and is actively litigating approximately 50 other cases, as well as advising Risk Management and preparing the City to defend or otherwise resolve at least 10 pre-suit matters.

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The CAO handles a wide variety of commercial litigation matters, employment litigation, and appeals, with over **35** current pending matters in various stages of litigation, the vast majority of which is handled in-house.

Whenever possible, I have prioritized taking as many cases in-house to be handled internally by our skilled litigation team, including cases that would meet the criteria for use of outside counsel, as discussed more fully below in Section 5.

Recent examples this Fiscal Year where the CAO team has litigated lawsuits in-house include:

- Spring Break 2023: An emergency injunction matter challenging the City's limitation of hours for package liquor stores during Spring Break 2023;
- West Avenue Project: A multi-million-dollar construction litigation brought by a City contractor working on the West Avenue Neighborhood Improvement Project, which was successfully resolved by City Commission action in November 2022 and dismissed by February, 2023; and
- <u>The Penrod/"Nikki Beach" Lawsuit</u>: A recent on-going challenge by the Penrod Brothers, a
  City tenant and concessionaire, to the City Commission's procurement authority with regard
  to the future use of the property located at 1 Ocean Drive, after the expiration of the Penrods'
  agreements with the City.
- <u>Injunction Against Nuisance Property in North Beach</u>: A recent proactive nuisance lawsuit resulting in a consent injunction which orders a residential property owner, his tenant, and his listing agent to immediately halt nuisance parties and illegal short-term rentals at a residential property in North Beach, as well as payment to the City of approximately \$390,000 in outstanding fines; and
- <u>Challenges to HPB Approvals of Major Development Projects</u>: In FY 2022 and FY 2023, the CAO has handled in-house the administrative appeals involving major re-development projects approved by the Historic Preservation Board, such as the redevelopment of the Delano Hotel, matters which require full legal briefing, based on an extensive record before the HPB. The CAO is currently handling an on-going appeal involving the HPB's approval of the Shore Club Hotel renovation project.

### 5. <u>Use of Outside Counsel in Certain Matters Requiring Additional Litigation Resources</u>

As the CAO only employs a litigation team of three (3) full-time civil litigators, the representation of the City's interests occasionally requires the CAO to use the services of outside counsel. With respect to civil litigation matters, the CAO typically engages outside counsel only in cases involving (1) voluminous discovery or resources which would significantly limit the CAO's ability to perform the other functions of the office if handled in-house; (2) expedited timeframes, as such cases will often also require significant resources for briefing and discovery, such as certain emergency injunction proceedings, and (3) cases involving specific expertise, such as construction litigation (which will also typically involve voluminous discovery or other resources).

In those infrequent matters where outside counsel is retained, the selection of counsel is the responsibility of the City Attorney, pursuant to Section 3.01(h) of the City Charter. As the selection of outside counsel is exempt from competitive bidding requirements under Florida law, the

engagement of counsel is made on a case-by-case basis, depending on the issues in the case, the experience of the lawyers before the judge presiding over the case, or efficiencies involved in using a firm that worked a prior similar case. In all cases, the CAO requests for counsel to provide a discount off their standard hourly rates.

In FY 2023, the major cases for which the CAO has required the assistance of outside counsel include:

- 1. <u>Amnesia (aka Story Nightclub) v. CMB</u>: This case involved the successful defense of the City in emergency injunction proceedings arising out of Story Nightclub's challenge to the 2:00 a.m. alcohol hours rollback in the South of Fifth neighborhood, which was adopted by the City Commission, following a 5/7<sup>ths</sup> vote. To date, the City has expended approximately \$250,000, including with respect to the underlying trial court evidentiary hearings and Story's appeal of the trial court's ruling in favor of the City, which has been fully briefed and is currently pending before the Third District Court of Appeal. Now that Story has ceased operations, the City Commission, if it so chooses, may entertain a proposal to consider entitlements for the development of a new project at the property. As part of any such potential future arrangement, there is an opportunity to negotiate a settlement of the pending appeal and potentially obtain reimbursement of the City's legal expenses.
- 2. <u>Congregation 3401 v. CMB, et al.</u>: These matters involve the federal and state lawsuits filed against the City by the owner of 3401 Prairie Avenue, a property with which the City has had on-going disputes and prior litigation for over 40 years, asserting claims against the City and several public officials alleging religious discrimination, including seeking the termination of City employees and the removal of the Mayor from office. As previously disclosed to the City Commission, the CAO anticipates litigation expenses to approximate \$1.7 million to be paid by the City's Claims Fund. The proposed settlement, if approved by the City Commission at the June 28, 2023 City Commission meeting, would also be funded by the Claims Fund.
- 3. <u>Multiple Litigation Matters Re: Development of Seagull/Bulgari Hotel (with Reimbursement by Developer)</u>. These matters involve Setai's multiple ongoing challenges to the redevelopment of the adjacent Seagull Hotel into the first Bulgari Hotel property in the United States. The developer of the project has reimbursed the City for the bulk of its litigation costs, approximately \$1.6 million, pursuant to the indemnity obligations in the Vacation Agreement and Reimbursement Agreement the CAO negotiated as part of the project approvals. The main case challenging the development of the project is fully briefed, and cross-motions for summary judgment remain pending. To date, the City and the developer have obtained favorable rulings on <u>every</u> substantive motion filed in the various cases.
- 4. <u>Various Police Cases for Sole Purpose of Representation of Individual Police Officers</u>: As explained above, in police cases, the in-house CAO attorney represents the City and the City utilizes outside counsel to represent the individual police officers, when claims are asserted against them in their individual capacities. This Fiscal Year, the City has expended approximately \$576,000 in 21 cases asserting claims against officers in their individual capacity.



# **OFFICE OF THE CITY ATTORNEY**

### RAFAEL A. PAZ **City Attorney**

### LITIGATION AND ENFORCEMENT **Chief Deputy City Attorney** Robert F. Rosenwald

### Practice Areas

Police and Code Enforcement, Municipal Prosecution, and Office of Inspector General

### Mark A. Fishman

### First Assistant City Attorney

Police Legal Advisor, Code Enforcement, Legislation, General Litigation/Appeals, and Inspector General

### Yoe Lopez

Municipal Prosecutor, Police and Code Enforcement, General Litigation Senior Assistant City Attorney

### Woody R. Clermont

**Assistant City Attorney Municipal Prosecutor** 

### Nahum R. Joseph

**Assistant City Artorney** Municipal Prosecutor

### Practice Areas

Civil Litigation (Civil Rights & Constitutional Law, Labor Relations, Disability and Employment Law, Personal Injury, General Litigation/Appeals)

### Henry J. Hunnefeld

### **First Assistant City Attorney**

Federal and State Litigation, Appeals, Constitutional and Civil Rights matters

### Freddi Mack

### Senior Assistant City Attorney

Federal and State Litigation, Appeals, Constitutional and Civil Rights matters

### Benjamin Z. Braun

### **Assistant City Attorney**

Federal and State Litigation, Appeals

### TRANSACTIONAL LAW **Deputy City Attorney**

Ricardo J. Dopico

### **Practice Areas**

Transactions, Capital Improvements,
Real Estate, Economic Development,
Tourism & Cultrue, Procurement,
Governmental Services (Transportation,
Parking, Parks, Housing)

### Gisela N. Torres

### Senior Assistant City Attorney

Transactions, Real Estate, Procurement, Public Works, and General Governmental

### Daren Hooper

### **Assistant City Attorney**

Transactions, Procurement Legal Advisor

### **REGULATORY AND COMMERCIAL Deputy City Attorney**

Steven H. Rothstein

### **Practice Areas**

**LEGISLATION AND LAND USE** 

**Deputy City Attorney Nicholas Kallergis** 

Land Use, Zoning, Legislation, Elections, Ethics, Environment & Sustainability, Special Taxing Districts

### **Faroat Andasheva**

Senior Assistant City Attorney

Legislation, Environment & Sustainability, and General Litigation/Appeals

### **Practice Areas**

Finance, Building/Fire, Public Works, Special Magistrate Proceedings, Collections and Garnishments, Office of Inspector General

### OFFICE OF THE CITY ATTORNEY

### FISCAL ENVIRONMENT

The Office of the City Attorney is supported by the General Fund. The General Fund charges an administrative fee to Enterprise Fund departments, the Redevelopment Agency (RDA), and the Resort Tax Fund to cover the cost of various administrative support functions provided by the General Fund.

Litigation expenses and litigation outside counsel fees, in those limited matters where outside counsel is required, are primarily paid through the Risk Management Fund. Other specialized matters requiring outside counsel from time to time, such as complex real estate/commercial transactions, elections matters, labor/collective bargaining, and bond counsel, and the like, are either taken into account as part of the City Attorney's annual budget review process, or are otherwise funded by the appropriate City department with responsibility for the matter.

In order to offset legal expenses, the City Attorney has initiated the following measures:

- Whenever possible, require developers and/or other parties proposing time-sensitive (and usually complex) real estate and/ or commercial transactions to the City, to reimburse the City's legal costs, up to an agreed amount
- Periodic review of cases being handled by outside counsel to determine what can be brought in-house

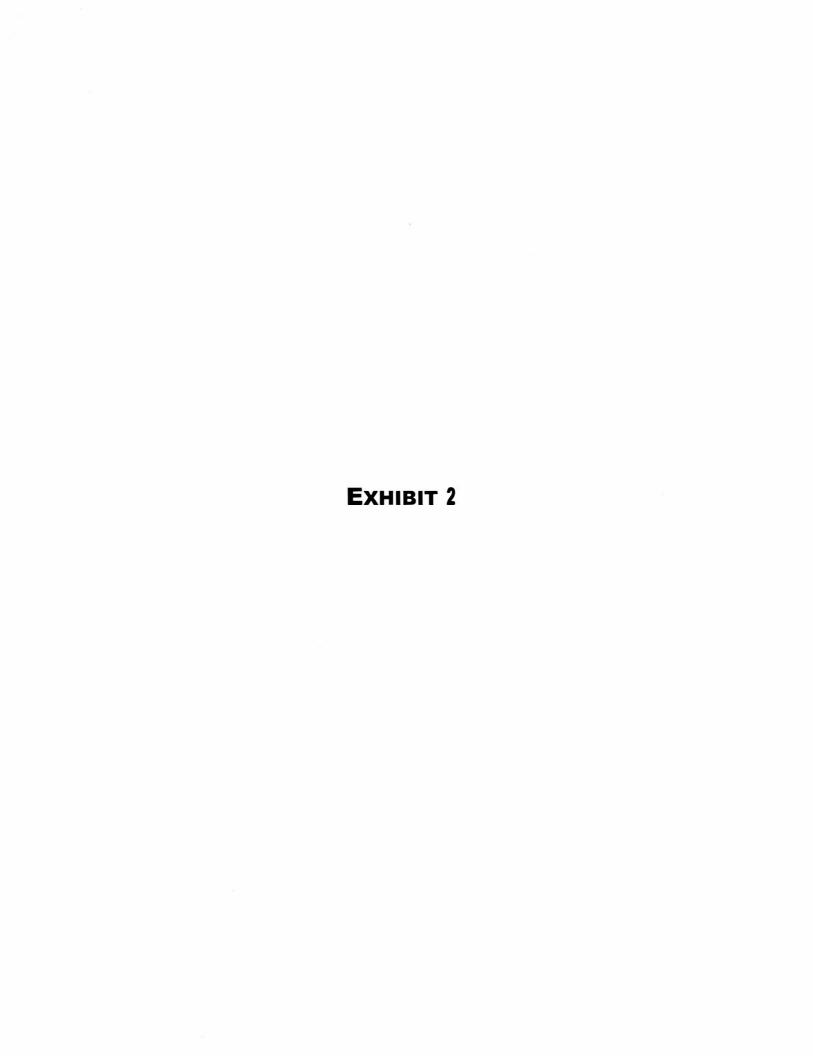
### SIGNIFICANT ACCOMPLISHMENTS FY2022

- Favorable ruling from 11th Circuit Court of Appeals in Club Madonna case, upholding the constitutionality of the City's ordinance seeking to curb the exploitation of underage dancers in strip clubs
- Favorable ruling in state court emergency injunction proceeding challenging the City's March 23, 2022 State of Emergency declaration and weekend curfew for areas south of 23rd Street, following multiple shootings

- Summary Judgment in favor of the City in federal district court in a First Amendment case, McGriff v. CMB, regarding Memorial Day weekend programming
- Summary Judgment in favor of the City in federal district court in 2 police civil rights cases and dismissals of 7 employment discrimination cases
- Expanded the municipal prosecution program to prosecute certain misdemeanor offenses as municipal ordinance violations, and implemented the Justice Advocate Program for monitoring cases involving offenders of special concern
- Successfully negotiated and finalized over 500 contracts, including major projects subject to voter approval, such as the development agreements and ground leases for two Lincoln Lane Class A office projects
- Finalized closing for conveyance of 3.0 acre "Canopy Park" to the City, as well as the the Closing of the right-of- way conveyance approved for the redevelopment of the Seagull hotel property, resulting in City receiving first 2 installment payments of \$5 million
- Finalized lease and lease amendments for the Collins Park Workforce Housing Project, the first public-private partnership for workforce housing in the City of Miami Beach
- Researched and drafted Ordinance to provide tenants with 60 days' notice of rent increases, legislation which was subsequently adopted by Miami-Dade County, Orange County, Palm Beach County, and other local governments
- Restructured Sidewalk Café Program from a regulatory permit-based framework to a contract concession framework, and obtained favorable state court ruling affirming validity of the contract-based model that provides City with greater control over it's right of way areas
- Researched and drafted ordinance reforming the automatic stay procedures for land use appeals, to discourage abusive litigation while safeguarding due process

### **FUTURE OUTLOOK**

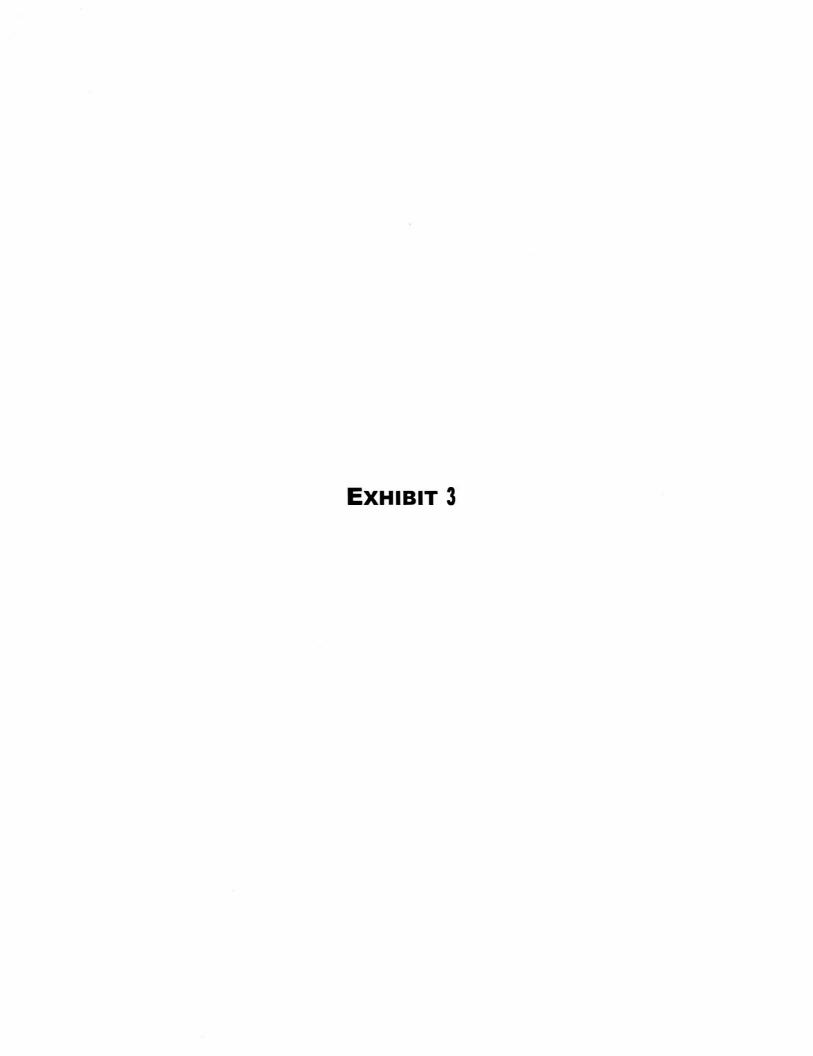
The City Attorney's Office looks forward to continuing to fully support and defend the City's numerous priorities and initiatives.



| Kevised Actuals Ac  |                         |
|---|-------------------------|
|   | Adopted Revised         |
| \$4,979,500 \$4,861,627                                     | \$5,175,000 \$5,175,000 |
|   |                         |
| 519,400 255,184   | 405,000 661,000         |
| 275,000 58,023  | 225,000 441,000         |
| 163,142 128,430   | 160,000 237,200         |
| 458,000 458,000   | 555,000 555,000         |
| 0 0   | 0                       |
| \$6,395,042 \$5,761,265 \$6                                 | \$6,520,000 \$7,069,200 |
|   | 360,000                 |
|   | 5.8%                    |
| 255,184<br>28,023<br>128,430<br>458,000<br>0<br>\$5,761,265 |                         |

# Risk Management Claims Fund

|             |              |              | 2.2%        |              |              | 3.9%      |              |              | 14.2%       | % Variance (Year-over-Year)  | % Varian    |              |                                     |
|-------------|--------------|--------------|-------------|--------------|--------------|-----------|--------------|--------------|-------------|------------------------------|-------------|--------------|-------------------------------------|
| 2 233 000   | \$10,000,370 | \$24,862,000 | 521,000     | \$18,070,828 | \$23,820,000 | 870,000   | \$15,188,763 | \$22,535,000 | 2 800 000   | \$ Variance (Year-over-Year) | \$ Varior   | \$19,655,000 | loral Kisk Management Fund Budger   |
|             | 0            | 0            | 0           | 0            | 0            | 0         | 0            | 0            | 0           | 0                            | 0           | 0            | Capital Expenditures                |
| 255,000     | 170,000      | 255,000      | 255,000     | 236,364      | 236,364      | 235,000   | 130,000      | 136,000      | 136,000     | 107,000                      | 197,000     | 107,000      | Internal Services Expenditures      |
| 3,121,000   | 1,123,536    | 2,823,000    | 2,747,000   | 1,861,579    | 4,089,400    | 4,049,000 | (2,612,460)  | 3,313,000    | 3,221,000   | 5,707,788                    | 3,184,500   | 2,916,500    | Other Operating Expenditures        |
| 8,630,000   | 6,656,639    | 8,599,000    | 8,599,000   | 6,112,205    | 7,018,236    | 6,905,000 | 6,054,527    | 6,123,000    | 7,123,000   | 4,735,181                    | 5,258,000   | 5,624,000    | Property, Liability Insurance, etc. |
| 400,000     | 288,469      | 377,000      | 377,000     | 421,839      | 500,000      | 500,000   | 377,634      | 500,000      | 500,000     | 353,874                      | 355,000     | 600,000      | Workers Comp                        |
| 2,381,000   | 2,727,002    | 3,708,000    | 2,268,000   | 3,327,329    | 3,315,000    | 2,255,000 | 1,741,068    | 1,975,000    | 1,750,000   | 2,254,368                    | 2,350,000   | 1,500,000    | General Liability                   |
|             |              |              |             |              |              |           |              |              |             |                              |             |              | Outside Legal Fees:                 |
| 1,657,000   | 719,000      | 664,000      | 664,000     | 75,000       | 719,000      | 719,000   | 13,500       | 101,000      | 501,000     | 468,800                      | 447,000     | 522,000      | Police Claims                       |
| 112,000     | 9,500        | 92,000       | 92,000      | 53,244       | 222,000      | 222,000   | 96,000       | 137,000      | 87,000      | 236,674                      | 286,000     | 111,000      | Public Official Claims              |
| 5,641,000   | 3,338,850    | 5,056,000    | 5,056,000   | 4,773,969    | 5,222,000    | 5,222,000 | 7,530,819    | 7,591,000    | 4,971,000   | 5,157,745                    | 5,219,000   | 4,884,000    | Workers Comp Claims                 |
| 2,690,000   | 840,836      | 2,177,000    | 2,677,000   | 524,935      | 1,548,000    | 2,268,000 | 857,911      | 1,661,000    | 3,156,000   | 1,139,818                    | 1,370,000   | 2,280,000    | General Liability Claims            |
|             |              |              |             |              |              |           |              |              |             |                              |             |              | Legal Settlements:                  |
| \$1,192,000 | \$786,538    | \$1,111,000  | \$1,111,000 | \$690,364    | \$950,000    | \$950,000 | \$999,766    | \$998,000    | \$1,010,000 | \$1,029,298                  | \$1,110,500 | \$1,110,500  | Salaries and Benefits               |
| Preliminary | Actuals YTD  | Revised      | Adopted     | Actuals      | Revised      | Adopted   | Actuals      | Revised      | Adopted     | Actuals                      | Revised     | Adopted      | rypolitical consists of             |
| FY 2024     |              | FT 2023      |             |              | FT 2022      |           |              | FY 2021      |             |                              | FT 2020     |              | Expanditure Category                |



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December 21, 2022

City of Miami Beach 1700 Convention Center Drive Miami Beach, Florida 33139

### Actuarial Study September 30, 2022

Attn: Marc Chevalier II

Division Director Risk & Benefits

This actuarial study (Study) has been completed for the City of Miami Beach, Florida (the City) for the specific objectives listed. The intended usage is for the City in financial reporting as of September 30, 2022 and as a guideline for future funding in 2023/24.

It is divided into the following sections:

- I. Summary of Conclusions
- II. Background and Objectives
- III. Methodology Notes
- IV. Conditions/Limitations
- V. Glossary

Each section follows.

### I. SUMMARY OF CONCLUSIONS

The City has a self-insurance program for workers' compensation, law enforcement liability, general liability, automobile liability and public officials' liability

Exhibit SUM-1 is a five-year summary of estimated outstanding losses, present value of estimated outstanding losses projected ultimate limited losses and projected losses paid

- Exhibit SUM-2 is a summary of change in estimated outstanding losses from September 30, 2021 to September 30, 2022.
- Exhibit SUM-3 is a summary of estimated outstanding losses and projected ultimate limited losses by confidence level.
- Exhibit SUM-4 is a summary of estimated outstanding losses by case reserves and IBNR as of September 30, 2022.
- Exhibit SUM-5 is a summary estimated outstanding losses by current and long-term as of September 30, 2022
- 1. Estimated Outstanding Losses as of September 30, 2022

The estimated outstanding losses (including allocated loss adjustment expenses [ALAE]) are the cost of unpaid claims. The estimated outstanding losses include case reserves, the development of known claims and incurred but not reported (IBNR) claims. ALAE are the direct expenses for specific claims.

- The estimated outstanding losses are \$51,041,411 as of September 30, 2022.
- The present value of the estimated outstanding losses is \$\$39,432,281 as of September 30, 2022.

Amounts are from Exhibit SUM-1.

### Notes

The present value of the estimated outstanding losses is based on an assumed 4.0% interest rate.

The estimated outstanding losses do not include unallocated loss adjustment expenses (ULAE). ULAE are primarily the costs of future claims administration for open claims.

### Comparison to Previous Studies

The estimated outstanding losses of \$50,972,601 as of September 30, 2022 compared to \$47,844,039 as of September 30, 2021 (dated March 10, 2022).

This is a 6.5% change. Details by coverage are in Exhibit SUM-2.

### Potential for Material Adverse Deviation

The estimated outstanding losses are the actuarial central estimate. It is based on the probable outcomes, but not all possible outcomes. The risk of material adverse deviation is a judgment as to actual losses materially exceeding the actuarial central estimate.

The Actuarial Standard of Practice (ASOP 36) requires commentary when the actuary "reasonably believes that there are significant risks and uncertainties that could result in material adverse deviation." ASOP 36 does not specify a materiality standard.

- Loss development has historically been variable.
- The adequacy of case reserves for workers' compensation has varied.
- There has been a change in the data provided for liability coverages resulting in a change in loss development facts.
- The City represented that it recently increased case reserves significantly for general liability and law enforcement liability based on internal reviews.
   We adjusted the analysis to assume that claims have case reserves that are 80.0% adequate for case reserves that include ALAE and 50.0% adequate for case reserves for indemnity only and denoted this as the assumed maximum.
- The City has identified claims in the liability data as non-insurance. On occasion, they are revised.
- For many years, the City was totally responsible for workers' compensation and liability not covered by tort limits.
- The City has experienced occasional large claims.
- The City has safety employees with an exposure to presumptive illness claims for workers' compensation.
- In addition to the data provided by the City, we supplemented our analysis with data from previous studies, similar organizations and insurance industry statistics.

We have not set a materiality standard. However, based on the above factors, we believe that the estimated outstanding loss amount is subject to a significant level of risk of adverse deviation as of September 30, 2022.

This disclosure is based on ASOP 36 and is not intended to be exclusive to this situation. Differences in the disclosure from previous studies are not intended to be a material change in our opinion, unless specifically stated otherwise. It is not a qualification of the Study.

### Other Disclosures

- We have reviewed the exposure to asbestos and environmental claims. In our opinion, the chance of material liability related to asbestos and environmental claims is remote (other than the previously mentioned claims); since there have been no reported claims, and the staff believes the exposure to such claims is remote.
- We understand that there is no participation in any pools or associations that would impact the self-insurance program.
- No explicit reduction was made to allow for salvage and subrogation recoverable. However, the loss data used was net of salvage and subrogation recovered. Therefore, there is an implicit allowance for salvage and subrogation recoverable included in the amounts.
- Based solely on discussions with staff and their description of the ceded reinsurance, we are not aware of any excess insurance transaction that either has been or should have been accounted as retroactive reinsurance or as financial reinsurance (defined as contractual arrangements that do not include a transfer of both timing and underwriting risk).
- National Association Insurance Commissioners Insurance Regulatory Information System (IRIS) ratios were not calculated. They are irrelevant to the City.
- We have not reconciled the loss experience provided with financial statements.

### 2. Projected Ultimate Limited Losses for 2023/24

The projected ultimate limited losses (including allocated loss adjustment expenses [ALAE]) are the accrual value of losses with accident dates in 2023/24. ALAE are the direct settlement expenses for specific claims, primarily legal expenses.

- The projected ultimate limited losses are \$9,250,043 for 2023/24.
- The present value of the projected ultimate limited losses is \$7,526,059 for 2023/24.

Amounts are from Exhibit SUM-3.

### Notes

Workers' compensation is at the retention of \$1,500,000 for police and fire, and \$1,000,000 for all other employees.

The present value of the projected ultimate limited losses is based on an assumed 4.0% interest rate.

The projected ultimate limited losses do not include unallocated loss adjustment expenses (ULAE). ULAE are primarily the costs of future claims administration for open claims.

### Comparison to Previous Study

The projected ultimate limited losses of \$9,250,043 for 2023/24 compared to \$8,262,074 for 2022/23 in the previous study (April 12, 2022).

This is an 12.0% change.

### II. BACKGROUND AND OBJECTIVES

### A. BACKGROUND

The City has a self-insurance program for workers' compensation and liability (including law enforcement liability, general liability, automobile liability and public officials' liability). The City maintains financial reporting in accordance with GASB Statement No. 10 definitions.

The City purchased excess insurance for workers' compensation through 1996/97 as noted in Exhibit WC-1. There is no excess insurance from 1997/98 to December 20, 2017. The excess insurance is \$1,000,000 and \$1,500,000 (safety personnel) from December 21, 2017 to present.

For liability coverages, there has never been excess insurance. The amounts are capped to the Florida tort immunity limits. Claims filed in federal court (as is often the situation for police liability and employment practices liability) are not within the limit.

Loss experience data was provided by the City.

### **B. OBJECTIVES**

The specific objectives of this Study are:

1. <u>Estimate Outstanding Losses</u>. Estimate outstanding losses (including allocated loss adjustment expenses [ALAE]) as of September 30, 2022.

The estimated outstanding losses are the cost of unpaid claims. The estimated outstanding losses include case reserves, the development of known claims and incurred but not reported (IBNR) claims.

ALAE are the direct expenses for specific claims, primarily legal expenses plus workers' compensation medical case management fees.

 Project Ultimate Limited Losses. Project ultimate limited losses (including ALAE) for 2023/24.

The projected ultimate limited losses are the accrual value of losses and ALAE with accident dates in 2023/24, regardless of report or payment date. The amount is limited to the self-insured retention, if applicable.

### III. METHODOLOGY NOTES

### Data

### Workers' Compensation

Workers' compensation losses were provided by the City. The claims are administered by CorVel. The data for workers' compensation was in the form of an Excel file that listed each claim. Amounts for recoveries were in a separate column. We compiled the data by year of occurrence. The loss development factors are based on unlimited and gross data. For other exhibits, we subtracted recoveries and limited the amounts to the retention, as applicable.

Last year CorVel provided materially different case reserve data than in the past. We communicated the increases with the City and the Florida Claims Manager for CorVel. It appears that the reserving has normalized. We explicitly considered the changes in the analysis.

There is a workers' compensation death claim WC-22-0300095, dated 8/16/22 that has a companion claim filed as a general liability (wrongful death) claim, GL-BI20220001-0606. The City contends the claim is solely workers' compensation with an approximate cost of \$386,000. For the purpose of this Study, we have assumed it is workers compensation (added \$400,000 to 2021/22) and not accrued anything for general liability.

### Liability Coverages

The data for liability coverages was revised. It is cumulative to date. In the past, it was revisions of previous data.

In the past, most legal services (ALAE) are procured and managed internally. These costs are paid by an annual inter-departmental allocation and were not included in the loss experience data historically provided by the City. We have assumed that for the four most recent claim periods, the loss data includes

ALAE. In some instance, when handled internally, the ALAE is reported when the claim is closed.

We understand that last year the financial auditors issued a finding for general liability and law enforcement liability coverages. In response the City established quarterly meetings to review and discuss open general liability and law enforcement liability claims as update reserves as needed regarding the materiality threshold for reporting claims. This resulted in a significant increase in case reserves.

We reviewed all open liability claims with case reserves of at least \$50,000. The following adjustments were made:

- 17557-1 is a general liability claim dated 2/1/89. It was closed on 10/1/89 for \$1,566,364. A case reserve of \$97,597 was set to \$0.
- FA2017009057-1 is a law enforcement liability claim dated 3/18/17. The statute has expired, and it was set to \$0.
- FA2018009217-2 is an law enforcement liability claim dated 8/22/2018. The statute has expired, and it was set to \$0.
- GCPB01002009008223-1 is a public officials' liability claim dated 4/1/09. The City believes not a tort, and it was set to \$0.
- OTHER2017008820-1 is a general liability claim dated 10/6/2017. The City believes not a tort, and it was set to \$0.

It is probable that adjustments are required for closed claims (example some may not be torts). We did not adjust closed claims as the work required by the City is impractical. We do not believe it will materially impact the work, if anything, it is likely to decrease the outstanding losses.

We compared the data to the previous study and found it mostly consistent (occasional inconsistencies, such as a decrease in paid losses for some claim periods) when the adjustments were considered. We believe the data is reasonable to perform this Study.

### Narrative of Exhibits

We narrate the exhibits in general terms and highlight differences by coverage.

Exhibit 1 is a summary of the loss experience and exposure data as of September 30, 2022.

The loss development factors are selected in Exhibit 2. They are based on successive annual unlimited and gross of recoveries losses. We compared the City's loss development with previous actuarial selections.

- For workers' compensation, the factors are mostly based on the average of the last three years and previous. We kept the increased tail factor from last year.
- For liability coverages there have been changes in the data base and discontinuities in some development factors. We mostly kept the previous factors with some adjustments for more observable changes.

Exhibits 3 to 7 show our actuarial methodologies to project losses by claim period. We have weighted each methodology based on our judgment as to their appropriate predictive power.

We included minimum levels of IBNR in terms of costs per open claims and percentage of case reserves by coverage. This added a measure of conservatism that we believe is reason given the variance in the loss development. Note that the minimum IBNR for workers' compensation was lowered from previous studies based on the increases in case reserves. Based on the changes in case reserves, we tended to increase the weighting of the methods related to paid losses.

As discussed above the City had a significant increase in case reserves for general liability (69.6%) and law enforcement liability (464.9%). In Exhibit -13 by coverage we capped the amounts for some large claims based on discussions with the City on case reserve adequacy per below.

- Claims denoted with an 'A' are assumed adequately reserved for indemnity and ALAE and capped to a 20.0% increase.
- Claims denoted with an 'AI' are assumed adequately reserved for indemnity only (ALAE is handled internally and not reported until the claim is closed) and capped to a 50.0% increase.

Exhibit 8 is a loss rate analysis used to project losses in future periods. The projections are trended extrapolations of loss and exposure amounts. This is a long-range projection. It is suitable for pro-forma budgets only. We recommend regular actuarial studies as the amounts are subject to change.

Exhibits 9 and 10 show the estimated outstanding losses and the present value of the estimated outstanding losses.

Exhibit 11 (page 1 to 5) show projected losses paid and estimated outstanding losses in future years. These amounts (especially estimated outstanding losses) are not to be used in financial audits. Subsequent actuarial studies are needed for a proper estimate.

Trends are calculated in Exhibit 12.

Large claims and capped claims are in Exhibit 13.

### IV. CONDITIONS/LIMITATIONS

This Study is subject to the conditions/limitations below. All recipients are deemed to accept them.

<u>Actuarial Estimates.</u> Actuarial estimates are subject to material uncertainty from many different sources, including (but not limited to) the random nature of claims, historical experience not being indicative of future experience, changes in development patterns, catastrophes, legal interpretations, legislation and operations.

<u>Assumptions and Information.</u> The assumptions and information underlying the calculations are based on our communications with representatives of the City. At several points in the Study, we requested clarification on the assumptions and information and were affirmed they were an accurate representation.

<u>Capitalization.</u> Capitalization is a buffer in the event loss experience emerges worse than expected. The amount varies by retention, size of program, risk and other factors. Some jurisdictions of domicile may require statutory minimums. the City must maintain prudent capitalization to make payments in the event of claims. As insurance is an inherently risky venture, individuals or entities contributing to the capitalization need to understand the possibility of loss of capital.

<u>Changes in Operations and Business Environment.</u> Based on our discussions we understand that there have been no changes in operations or the business environment (other than those identified in the text) that may materially impact the Study.

<u>Climate Change.</u> The amounts in this Study exclude claims as a result, in total or in part, from climate change. We have no opinion regarding the City's exposure to insurance loss due to climate change.

<u>Confidence Levels.</u> Confidence levels typically consider two types of risk. These are parametric risk (risk that statistical parameters are not certain) and process risk (risk that even if parameters are known there is still randomness in results). In addition, there is model risk (risk that the model used is not appropriate for the given situation).

<u>Data.</u> We relied upon the data provided by the City without verification or audit, other than checks for reasonableness. At several points in the Study, we Glicksman Consulting, LLC

requested clarification and were affirmed the data was accurate. Unless otherwise stated, we assumed the data provided to be correct and complete, and comparable to the exposures being considered. If the underlying data is incorrect and/or incomplete, this Study will also be incorrect and/or incomplete. Even small differences can have a material impact.

<u>Dividends</u>. Nothing in this Study addresses dividends.

<u>Due Diligence.</u> This Study is not a substitute for the due diligence of users other than the City. Every other user of this Study should place no reliance on this Study that would create any additional duty or liability by Glicksman Consulting, LLC.

<u>Economic Environment.</u> Unless otherwise stated, we assumed the current economic conditions will continue in the foreseeable future. For example, we assumed inflation will remain moderate.

Effective Period. The amounts are for the accounting date September 30, 2022 and the data relied upon is as of September 30, 2022. We are unaware of any additional facts that would materially affect the conclusions of this Study. Insurance conditions are dynamic and change over time. Nothing in this Study addresses the likelihood or timing of revisions. We recommend periodic reviews (annually). We do not assume responsibility to inform of events that may warrant a revision.

<u>Funding Adequacy.</u> We have not reviewed available assets, or other balance sheet or income statement items regarding funding adequacy. We have not reviewed contributions, premiums, expenses, investment income or other budget items. We have no opinion regarding the ability of the City to pay past claims or future claims.

<u>Independence.</u> Glicksman Consulting, LLC is independent of the City. We are unaware of any factors that may impair our objectivity.

<u>Insurance.</u> Unless otherwise stated, we assumed no insurance coverage changes (including coverage provided by the City to others) subsequent to the date this Study was prepared. This includes coverage language, self-insured retention, limitations and similar issues.

<u>Insurance and Reinsurance Solvency.</u> Unless otherwise stated, we assumed all insurance and reinsurance (if any) that may be purchased is from solvent sources and payable in accordance with terms of the coverage document. We have not reviewed the collectability of potential insurance partners. We have no opinion regarding the collectability of insurance or reinsurance, if any.

<u>Investment Income and Interest Rate.</u> Investment income is a supplemental revenue source that varies by interest rate assumption and payout schedule.

The exhibits may specify the annual interest rate used. Unless otherwise noted, the interest rate used was specified by the City. It is based on a mix of conservative short, medium and long-term bond yields corresponding to the payout duration. We have no opinion regarding the underlying invested assets or the actual return on investments.

<u>Limits in Our Knowledge.</u> Our only expertise is actuarial services. We are not accredited and have not advised on matters of capitalization, legality, policy language, regulatory compliance, risk transfer and taxes. We understand that there have been independent experts engaged in each of these areas as believed required by the City.

<u>Limitation on Damages.</u> We shall not be liable for any claim or demand by any third party arising out of the services provided except where such claim or demand results from willful misconduct. In no event, under any theory of law, shall we be liable to anyone for any amounts representing lost profits, loss of business, or special, indirect, incidental, consequential or punitive damages.

<u>Methodology.</u> The projections in this Study reflect our judgments as to the best method or combination of methods that are most reliable and reflective of the exposure to loss. In some instances, the methods yield significantly disparate results. The estimates, projections and recommendations in this Study reflect our judgments as to the best method or combination of methods that are most reliable and reflective of the exposure to loss.

<u>Minimum Knowledge.</u> We have assumed the City is familiar with common insurance terms and have an appreciation for the significant financial risks involved in an insurance program.

<u>Pandemics.</u> The amounts in this Study exclude claims as a result, in total or in part, from pandemics. We have no opinion regarding the City's exposure to insurance loss due to pandemics.

<u>Policy Documents and Language.</u> We have not been provided and have not reviewed actual policy documents and language. The Study was based on typical policies, verbal communications and summarized narratives regarding the exposures and perils for which the insurance coverages are needed and intended to cover.

Range of Values. The conclusions of this Study are point estimates, projections and recommendations within a wide range of possible outcomes. Where the

conclusions are shown as a range of values, it is possible that actual results will fall outside the range, perhaps by a significant amount.

<u>Reinsurance.</u> Nothing in this Study addresses appropriate reinsurance. We have not recommended limits, coverage or pricing. We have not reviewed the solvency of potential insurers. This Study is not intended for the evaluation of reinsurance.

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Risk. We cannot over emphasize that insurance is an inherently risky business. Losses can vary significantly from projections. They can emerge higher or lower. The amounts can be material. Nothing in this Study warrants the financial results. The projections are subject to variation. Infrequently, there can be years with multiple expensive claims. We cannot guarantee that premiums will be adequate to cover losses in any year or groups of years. the City will be responsible for all of its losses, including periods when actual losses exceed projections. The City should consider their ability and willingness to bear this risk among the factors to proceed/continue with this venture.

<u>Risk Transfer.</u> From an actuarial perspective, risk transfer is an evolving area. There are no generally accepted practices or standards at this time. We are not aware of a singular statistic or tool that defines insurance risk transfer requirements in all situations. We have no opinion on whether the City has insurance risk transfer.

<u>Securities Regulatory Organizations</u>. This Study is not intended and may not be disclosed or filed with the Securities Exchange Commission (SEC) or other securities regulatory organizations.

<u>Statutory and Judicial Changes</u>. Legislatures and judiciaries may change statutes that govern indemnification, immunities and limitations for liability, and other similar issues. Unless otherwise stated, we assumed no statutory changes subsequent to the date this Study was prepared.

<u>Supplemental Data.</u> In addition to the data provided by the City, we supplemented our analysis with data from previous studies, similar organizations and insurance industry statistics, as we deemed appropriate. The application of supplemental data may represent an additional source of risk in the analysis.

<u>Usage.</u> This Study has been prepared for the exclusive usage of the City for the specified objective(s). We have prepared this Study in conformity with its intended use by persons technically competent in the areas addressed and for the stated purposes only. Judgments as to the conclusions, indications, methods, and data contained in this Study should be made only after a review in its entirety. It is assumed that the user of this Study will seek explanation of any matter in question. In no event shall we be liable to anyone for any amounts representing lost profits, loss of business, or special, indirect, incidental, consequential or punitive damages. Recipients of this Study shall not use or reference Glicksman Consulting, LLC directly or indirectly in any third-party communication without the prior written consent of Glicksman Consulting, LLC. The written consent will be provided at the sole discretion of Glicksman Consulting, LLC.

### V. GLOSSARY

<u>Actuarial Methods (Common)</u> The following actuarial methods are commonly used:

- Developed Paid Losses
- Developed Reported Incurred Losses
- Developed Case Reserves
- Frequency Times Severity Analysis
- Loss Rate Analysis

The following describes each method:

- Developed Paid Losses. Paid losses represent the amounts actually paid to claimants (less excess insurance recoveries). As time goes on, loss payments continue until all claims are closed and there are no remaining payments expected. At this time, the ultimate losses for the claim period are known. This common process is called "paid loss development." Paid loss development is an extrapolation of actual dollars paid. It does not depend on case reserve estimates. A potential shortcoming of utilizing this method is that only a small fraction of total payments has been made for the most recent claim periods. Extrapolating ultimate losses based on small amounts of actual payments may be speculative. A second potential shortcoming is that payment patterns can change over time.
- <u>Developed Reported Incurred Losses</u>. Reported incurred losses are paid losses plus case reserves. In most programs, total reported incurred losses underestimate the ultimate losses. Over time, as more information about a body of claims becomes known, they are adjusted either up or down until they are closed. Though many individual claims settle for less than what was estimated, these decreases are generally more than offset

by increases in the cost of other claims for which new information has emerged. The net effect is that total estimated costs are often revised upward over time. This normal process is called "reported incurred loss development." Actuaries typically review the development patterns of the recent past to make projections of the expected future loss development and, therefore, estimations of ultimate losses.

- <u>Developed Case Reserves</u>. The developed case reserves method is a hybrid of the paid loss development and reported incurred loss development methods. It relies on the historical adequacy of case reserves to predict ultimate losses.
- <u>Frequency Times Severity Analysis</u>. The frequency times severity analysis
  is an actuarial method that uses a preliminary projection of ultimate losses
  to project claims severity. The claims severity times the number of claims
  is a predictor of ultimate losses. The focus of the frequency times severity
  analysis is that ultimate losses each period are dependent on the number
  of claims.
- Loss Rate Analysis. The loss rate analysis is based on the historical loss rates per exposure unit (such as payroll, vehicles or property value). The loss rates (projected ultimate losses divided by exposure units) are trended to reflect the effect of claim cost inflation and retention changes. The trended loss rates represent the rates that one would see if all of the claims had been handled in the claim cost environment that will be present in the upcoming period. The trended loss rate times the projected exposure units are a predictor of losses.
- Bornhuetter-Ferguson Method (B-F). The B-F method is an actuarial method that weights a preliminary projection of ultimate losses with projections of ultimate losses determined by other actuarial methods (usually the developed paid losses and developed reported incurred losses methods). For less mature claim periods, the B-F method leans more heavily to the preliminary projection. It gradually converges to the projections of ultimate losses determined by the other actuarial methods as the claim periods mature.

<u>Allocated Loss Adjustment Expenses</u> Allocated loss adjustment expenses (ALAE) are the direct expenses to settle specific claims. These expenses are primarily legal expenses.

<u>Claim</u>. Demand by an individual or entity to recover for a loss.

<u>Claims Made</u>. A policy written on this basis covers only those claims that are made (reported) during the policy period. Coverage for prior acts is provided back to what is known as the retroactive date, which is the effective date of the original claims made policy with the same insurer.

<u>Confidence Level</u>. A confidence level is the statistical certainty that an actuary believes funding will be sufficient. For example, an 80% confidence level means that the actuary believes funding will be sufficient in eight years out of ten. Confidence levels are determined based on mathematical models. Coverages that are low frequency and high severity (such as excess liability) are subject to greater risk than coverages that are high frequency and low severity (such as automobile physical damage). Therefore, they need a greater margin to attain a given confidence level.

<u>Credibility</u>. Credibility is the belief that the sample data is an accurate reflection of the larger population. Credibility is highest when the sample data is large, and the standard deviation of the larger population is low.

<u>Dates</u>. There are at least three milestone dates in a claim. They are the date of injury or accident, the date of report and the date of closure.

<u>Deductible</u> The portion of an insured loss to be borne by the insured before it is entitled to recovery from the insurer. Deductibles may be expressed as a dollar amount, percentage or waiting period.

<u>Estimated Outstanding Losses</u> Estimated outstanding losses are the cost of claims that have occurred (or reported in a claim made policy) that have not yet been paid. Estimated outstanding losses are calculated as projected ultimate losses less paid losses. Alternatively, they are the sum of case reserves and incurred but not reported (IBNR) claims. Other common names for estimated outstanding losses are outstanding claims liabilities and unpaid claims.

<u>Experience Rating</u>. A method of adjusting the premium for a risk based on past loss experience for that risk compared to loss experience for an average risk.

Exposure Data. Exposure data refers to the activities of the organization. For example, payroll is the most common exposure measure for workers' compensation. Exposure data should ideally have the following characteristics:

- Readily Available. The exposure data should be easily obtained.
- Vary With Losses. The exposure data should correlate directly with losses.
- Difficult to Manipulate. The exposure date should be readily verifiable.

<u>Incurred But Not Reported</u>. IBNR is really comprised of two distinct items. These are the development of known case reserves (incurred but not enough reported [IBNER] and incurred but not yet reported [IBNYR]).

• <u>IBNER</u> are the actuary's estimate of the inadequacy of case reserves. Most claims settle at amounts close to what is set by the claims

administrator. Some claims close favorably, and some emerge as more expensive. On balance, case reserves tend to be too low (especially for recent years). IBNER is the actuary's estimate of the amount total case reserves will rise upon closure.

• <u>IBNYR</u> refers to those claims that have occurred but have not yet been reported. A classic example is medical malpractice claim reported several years after the medical procedure was performed.

<u>Investment Income</u>. The return received by entities from their investment portfolios, including interest, dividends and realized capital gains on stocks. Realized capital gains means the profit realized on assets that have actually been sold for more their purchase price.

<u>Limited</u>. Many insurance programs purchase excess insurance for catastrophic claims. For example, they may purchase coverage for claims above a \$500,000 per occurrence self-insured retention. "Limited" refers to an estimate or projection being limited to the self-insured retention. In contrast, "unlimited" means a loss projection not limited to the self-insured retention. Other common names for limited are net of excess insurance or capped losses.

<u>Loss Development</u>. The difference between the amount of losses initially estimated by the insurer and the amount reported in an evaluation on a later date. Loss development is typically measured for paid losses, reported incurred losses, case reserves and claim counts.

<u>Net</u>. Net excludes amounts below deductibles paid directly by the insured.

<u>Premium</u>. The price of insurance protection for a specified risk for a specified period of time.

<u>Present Value</u>. The amount of money that future amounts receivable is currently worth. For example, a policy may provide for payments to be made annually for ten years. The present value of that money would be less than the total amount of the regular periodic payments for ten years because of the amount of interest that a present lump sum could earn during the term than the payments otherwise would have been made.

<u>Projected Losses Paid</u>. Projected losses paid are the projected claims disbursements in a period, regardless of when the claim occurred. They typically include indemnification and ALAE, but not unallocated loss adjustment expenses (ULAE). "Projected losses paid" is a cash-flow analysis.

<u>Projected Ultimate Losses</u>. Projected ultimate losses are the accrual value of claims. They are the total amount that is expected to be paid in a particular claim period after all claims are closed. Projected ultimate losses are the total loss Glicksman Consulting, LLC

costs for a particular period. They typically include indemnification and ALAE, but not ULAE. Other common names for projected ultimate losses are selected and ultimate losses.

<u>Rate</u>. The cost of a given unit of insurance. For example, in property insurance, it is the rate per \$1,000 of value to be insured. The premium is the rate multiplied by the number of units of insurance purchased.

<u>Self-Insurance Retention (SIR)</u>. The portion of a risk or potential loss assumed by an insured. It is often in the form of a per occurrence deductible.

<u>Unallocated Loss Adjustment Expenses</u>. Unallocated loss adjustment expenses (ULAE) are the indirect expenses to settle claims. These expenses are primarily administration and claims handling expenses.

\* \* \* \* \*

I, Steven Glicksman, am a member in good standing of the American Academy of Actuaries and meet its qualification standards to prepare this Study.

Respectfully submitted,

Steven Glicksman, FCAS, MAAA Actuary GLICKSMAN CONSULTING, LLC

Summary of Estimated Outstanding Losses, Projected Ultimate Limited Losses and Projected Losses Paid

## la. Estimated Outstanding Losses

| (T) Total    | (A) Workers' compensation     (B) Law enforcement liability     (C) General liability     (D) Automobile liability     (E) Public officials' liability | Coverage<br>(1)                          |
|--------------|--|--|
| \$50,972,601 | \$39,246,443<br>4,883,766<br>5,821,028<br>725,484<br>295,880   | Estimated Outstanding Losses 9/30/22 (2) |
| \$51,438,762 | \$39,522,348<br>4,784,769<br>6,048,489<br>756,986<br>326,170   | Estimated Outstanding Losses 9/30/23 (3) |
| \$52,405,380 | \$40,073,355<br>4,862,682<br>6,320,891<br>795,349<br>353,103   | Estimated Outstanding Losses 9/30/24 (4) |
| \$53,594,168 | \$40,725,426<br>5,019,143<br>6,633,156<br>839,009<br>377,434   | Estimated Outstanding Losses 9/30/25 (5) |
| \$54,976,780 | \$41,469,589<br>5,238,483<br>6,981,851<br>887,092<br>399,765   | Estimated Outstanding Losses 9/30/26 (6) |
| \$56,557,256 | \$42,332,121<br>5,500,604<br>7,364,792<br>939,154<br>420,585   | Estimated Outstanding Losses 9/30/27 (7) |

# lb. Present Value of Estimated Outstanding Losses

| (A) Workers' compensation     (B) Law enforcement liability     (C) General liability     (D) Automobile liability     (E) Public officials liability     (T) Total | Coverage<br>(1)   |
|---|---|
| \$28,577,638<br>4,505,850<br>5,373,869<br>694,015<br>280,909<br>\$39,432,281  | Present Value of Estimated Outstanding Losses 9/30/22 (2) |
| 1   | Present Value of Estimated Outstanding Losses 9/30/23 (3) |
| \$29,336,988<br>4,472,022<br>5,851,491<br>762,530<br>334,719<br>\$40,757,750  | Present Value of Estimated Outstanding Losses 9/30/24 (4) |
| \$29,830,397<br>4,610,490<br>6,148,475<br>804,638<br>358,069<br>\$41,752,069  | Present Value of Estimated Outstanding Losses 9/30/25 (5) |
| \$30,349,264<br>4,812,549<br>6,478,407<br>850,824<br>379,629<br>\$42,870,673  | Present Value of Estimated Outstanding Losses 9/30/26 (6) |
| 1   | Present Value of Estimated Outstanding Losses 9/30/27 (7) |

# II. Projected Ultimate Limited Losses

| (E) Public officials' liability(T) Total | (A) Workers' compensation     (B) Law enforcement liability     (C) General liability     (D) Automobile liability | Coverage (1)                                  |
|--|--|---|
| \$8,725,483                              | \$5,068,053<br>1,167,108<br>1,929,724<br>450,554   | Projected Ultimate Limited Losses 2022/23 (2) |
| \$9,250,043                              | \$5,374,672<br>1,237,718<br>2,046,473<br>477,813   | Projected Ultimate Limited Losses 2023/24 (3) |
| \$9,806,234                              | \$5,699,839<br>1,312,599<br>2,170,284<br>506,721   | Projected Ultimate Limited Losses 2024/25 (4) |
| \$10,395,974                             | \$6,044,680<br>1,392,012<br>2,301,587<br>537,377   | Projected Ultimate Limited Losses 2025/26 (5) |
| \$11,021,284                             | \$6,410,383<br>1,476,228<br>2,440,833<br>569,888   | Projected Ultimate Limited Losses 2026/27 (6) |

### III. Projected Losses Paid

| (T) Total   | (A) Workers' compensation     (B) Law enforcement liability     (C) General liability     (D) Automobile liability     (E) Public officials' liability | Coverage (1)                                  |
|-------------|--|---|
| \$8,259,322 | \$4,792,148<br>1,266,105<br>1,702,263<br>419,052<br>79,754   | Projected<br>Losses<br>Paid<br>2022/23<br>(2) |
|             |  | Projected<br>Losses<br>Paid<br>2023/24<br>(3) |
| \$8,617,446 | \$5,047,768<br>1,156,138<br>1,858,019<br>463,061<br>92,460   | Projected<br>Losses<br>Paid<br>2024/25<br>(4) |
|             |  | Projected<br>Losses<br>Paid<br>2025/26<br>(5) |
| \$9,440,808 | \$5,547,851<br>1,214,107<br>2,057,892<br>517,826<br>103,132  | Projected<br>Losses<br>Paid<br>2026/27<br>(6) |

Sections Ia and Ib are from Exhibit -10 and Exhibit -11 (pages 1 to 5), by coverage.

Section II is from Exhibit -8, by coverage.

Section III is from Exhibit -11 (pages 1 to 5), by coverage.

Summary of Change in Estimated Outstanding Losses from September 30, 2021 to September 30, 2022

### I. Case Reserves

| Coverage<br>(1)  | Case<br>Reserves<br>9/30/21<br>(2)                               | Case<br>Reserves<br>9/30/22<br>(3)                              | Change<br>(3)-(2)<br>(4a)                                      | Percent Change<br>(4a)/(2)<br>(4b)          |
|--|--|---|--|---|
| (A) Workers' compensation (B) Law enforcement liability (C) General liability (D) Automobile liability (E) Public officials' liability | \$16,660,938<br>375,667<br>1,709,644<br>248,927<br>472,504       | \$15,198,969<br>2,122,305<br>2,899,760<br>338,425<br>32,286     | (\$1,461,969)<br>1,746,638<br>1,190,116<br>89,498<br>(440,218) | -8.8%<br>464.9%<br>69.6%<br>36.0%<br>-93.2% |
| (T) Total  | \$19,467,680   | \$20,591,745  | \$1,124,065  | 5.8%  |
| II. IBNR   |  |   |  |   |
| Coverage<br>(1)  | IBNR<br>9/30/21<br>(2)   | IBNR<br>9/30/22<br>(3)  | Change<br>(3)-(2)<br>(4a)                                      | Percent Change<br>(4a)/(2)<br>(4b)          |
| (A) Workers' compensation (B) Law enforcement liability (C) General liability (D) Automobile liability (E) Public officials' liability | \$23,755,828<br>1,014,515<br>3,133,466<br>256,218<br>216,332     | \$24,047,474<br>2,761,461<br>2,921,268<br>387,059<br>263,594    | \$291,646<br>1,746,946<br>(212,198)<br>130,841<br>47,262       | 1.2%<br>172.2%<br>-6.8%<br>51.1%<br>21.8%   |
| (T) Total  | \$28,376,359   | \$30,380,856  | \$2,004,497  | 7.1%  |
| III. Estimated Outstanding Losses  |  |   |  |   |
| Coverage (1)  (A) Workers' compensation (B) Law enforcement liability  | Estimated Outstanding Losses 9/30/21 (2)  \$40,416,766 1,390,182 | Estimated Outstanding Losses 9/30/22 (3) \$39,246,443 4,883,766 | Change<br>(3)-(2)<br>(4a)<br>(\$1,170,323)<br>3,493,584        | Percent Change<br>(4a)/(2)<br>(4b)<br>      |
| (C) General liability (D) Automobile liability   | 4,843,110<br>505,145   | 5,821,028<br>725,484  | 977,918<br>220,339   | 20.2%<br>43.6%                              |
| (E) Public officials' liability(T) Total   | 688,836<br><br>\$47,844,039                                      | 295,880<br><br>\$50,972,601                                     | (392,956)  | -57.0%<br><br>6.5%                          |
| (1) Iolai  | φ41,044,039  | φυυ, 972,001  | φο, 120,502  | 0.5%  |

Sections I, II and III, (2) are from the previous actuarial study, by coverage.

Sections I, II and III, (3) are from Exhibit 9, by coverage.

Sections I, II and III, (2c) is (2b) less (2a).

### City of Miami Beach, Florida SUMMARY

Summary of Estimated Outstanding Losses and Projected Ultimate Limited Losses by Confidence Level

### I. Estimated Outstanding Losses 9/30/22

| Coverage<br>(1)  | Assumed<br>Coefficient<br>of Variation<br>(CV)<br>(2) | Estimated<br>Outstanding<br>Losses<br>9/30/22<br>(3a)         | 75.0%<br>Confidence<br>Level<br>(3b)                         | 80.0%<br>Confidence<br>Level<br>(3c)                         | 85.0%<br>Confidence<br>Level<br>(3d)                           | 90.0%<br>Confidence<br>Level<br>(3e)                           | Present<br>Value of<br>Estimated<br>Outstanding<br>Losses<br>9/30/22<br>(4a)         | 75.0%<br>Confidence<br>Level<br>(4b)                         | 80.0%<br>Confidence<br>Level<br>(4c)                         | 85.0%<br>Confidence<br>Level<br>(4d)                         | 90.0%<br>Confidence<br>Level<br>(4e)                           |
|--|---|---|--|--|--|--|--|--|--|--|--|
| (A) Workers' compensation (B) Law enforcement liability (C) General liability (D) Automobile liability (E) Public officials' liability | 0.25<br>0.40<br>0.25<br>0.40<br>0.40                  | \$39,246,443<br>4,883,766<br>5,821,028<br>725,484<br>295,880  | \$44,950,281<br>5,879,816<br>6,667,021<br>873,447<br>356,225 | \$46,841,557<br>6,270,341<br>6,947,534<br>931,460<br>379,885 | \$49,140,427<br>6,759,667<br>7,288,503<br>1,004,149<br>409,530 | \$52,197,146<br>7,428,736<br>7,741,875<br>1,103,540<br>450,065 | \$28,577,638<br>4,505,850<br>5,373,869<br>694,015<br>280,909                         | \$32,730,937<br>5,424,823<br>6,154,874<br>835,560<br>338,201 | \$34,108,086<br>5,785,129<br>6,413,840<br>891,056<br>360,663 | \$35,782,028<br>6,236,590<br>6,728,615<br>960,593<br>388,809 | \$38,007,805<br>6,853,885<br>7,147,160<br>1,055,672<br>427,293 |
| (T) Total  |   | \$50,972,601  | \$58,726,789   | \$61,370,777   | \$64,602,276   | \$68,921,362   | \$39,432,281   | \$45,484,395   | \$47,558,774   | \$50,096,635   | \$53,491,815   |
| II. Projected Ultimate Limited Lo  | osses 2022/23   |   |  |  |  |  |  |  |  |  |  |
| Coverage<br>(1)  | Assumed<br>Coefficient<br>of Variation<br>(CV)<br>(2) | Projected<br>Ultimate<br>Limited<br>Losses<br>2022/23<br>(3a) | 75.0%<br>Confidence<br>Level<br>(3b)                         | 80.0%<br>Confidence<br>Level<br>(3c)                         | 85.0%<br>Confidence<br>Level<br>(3d)                           | 90.0%<br>Confidence<br>Level<br>(3e)                           | Present<br>Value of<br>Projected<br>Ultimate<br>Limited<br>Losses<br>2022/23<br>(4a) | 75.0%<br>Confidence<br>Level<br>(4b)                         | 80.0%<br>Confidence<br>Level<br>(4c)                         | 85.0%<br>Confidence<br>Level<br>(4d)                         | 90.0%<br>Confidence<br>Level<br>(4e)                           |
| (A) Workers' compensation (B) Law enforcement liability (C) General liability (D) Automobile liability (E) Public officials' liability | 0.35<br>0.50<br>0.35<br>0.50<br>0.50                  | \$5,068,053<br>1,167,108<br>1,929,724<br>450,554<br>110,044   | \$6,015,604<br>1,435,548<br>2,290,516<br>554,184<br>135,355  | \$6,367,382<br>1,553,511<br>2,424,460<br>599,722<br>146,477  | \$6,803,434<br>1,703,002<br>2,590,492<br>657,432<br>160,572    | \$7,394,581<br>1,912,101<br>2,815,578<br>738,153<br>180,288    | \$3,856,789<br>742,280<br>1,298,222<br>315,275<br>76,343                             | \$4,577,875<br>913,008<br>1,540,944<br>387,790<br>93,903     | \$4,845,579<br>988,032<br>1,631,055<br>419,656<br>101,619    | \$5,177,414<br>1,083,108<br>1,742,753<br>460,038<br>111,397  | \$5,627,277<br>1,216,095<br>1,894,180<br>516,523<br>125,075    |
| (T) Total  |   | \$8,725,483   | \$10,431,206   | \$11,091,552   | \$11,914,931   | \$13,040,701   | \$6,288,909  | \$7,513,520  | \$7,985,940  | \$8,574,711  | \$9,379,150  |
| III. Projected Ultimate Limited L  | osses 2023/24   |   |  |  |  |  |  |  |  |  |  |
| Coverage<br>(1)  | Assumed<br>Coefficient<br>of Variation<br>(CV)<br>(2) | Projected<br>Ultimate<br>Limited<br>Losses<br>2023/24<br>(3a) | 75.0%<br>Confidence<br>Level<br>(3b)                         | 80.0%<br>Confidence<br>Level<br>(3c)                         | 85.0%<br>Confidence<br>Level<br>(3d)                           | 90.0%<br>Confidence<br>Level<br>(3e)                           | Present<br>Value of<br>Projected<br>Ultimate<br>Limited<br>Losses<br>2023/24<br>(4a) | 75.0%<br>Confidence<br>Level<br>(4b)                         | 80.0%<br>Confidence<br>Level<br>(4c)                         | 85.0%<br>Confidence<br>Level<br>(4d)                         | 90.0%<br>Confidence<br>Level<br>(4e)                           |
| (A) Workers' compensation (B) Law enforcement liability (C) General liability (D) Automobile liability (E) Public officials' liability | 0.35<br>0.50<br>0.35<br>0.50<br>0.50                  | \$5,374,672<br>1,237,718<br>2,046,473<br>477,813<br>113,367   | \$6,379,550<br>1,522,399<br>2,429,093<br>587,712<br>139,442  | \$6,752,611<br>1,647,498<br>2,571,140<br>636,006<br>150,900  | \$7,215,044<br>1,806,033<br>2,747,217<br>697,207<br>165,421    | \$7,841,955<br>2,027,783<br>2,985,922<br>782,812<br>185,732    | \$4,090,125<br>1,049,584<br>1,835,686<br>445,799<br>104,865                          | \$4,854,837<br>1,290,993<br>2,178,896<br>548,335<br>128,984  | \$5,138,736<br>1,397,078<br>2,306,313<br>593,393<br>139,583  | \$5,490,648<br>1,531,515<br>2,464,254<br>650,494<br>153,015  | \$5,967,728<br>1,719,559<br>2,678,371<br>730,363<br>171,803    |
| (T) Total  |   | \$9,250,043   | \$11,058,196   | \$11,758,156   | \$12,630,923   | \$13,824,205   | \$7,526,059  | \$9,002,046  | \$9,575,103  | \$10,289,925   | \$11,267,823   |

<sup>(2)</sup> is based on observed data and actuarial judgment.

Section I, (3a) and (4a) are from Exhibit -10, by coverage.

Sections II and III, (3a) and (4a) are from Exhibit -8, by coverage.

Confidence levels are based on (2) and a lognormal distribution.

Summary of Estimated Outstanding Losses by Case Reserves and IBNR as of September 30, 2022

### I. Estimated Outstanding Losses

| Coverage<br>(1)                 | Estimated<br>Outstanding<br>Losses<br>9/30/22<br>(2a) | Case<br>Reserves<br>9/30/22<br>(2b) | IBNR<br>9/30/22<br>(2c) |
|---------------------------------|---|-------------------------------------|-------------------------|
| (A) Workers' compensation       | \$39,246,443  | \$15,198,969                        | \$24,047,474            |
| (B) Law enforcement liability   | 4,883,766   | 2,122,305                           | 2,761,461               |
| (C) General liability           | 5,821,028   | 2,899,760                           | 2,921,268               |
| (D) Automobile liability        | 725,484   | 338,425                             | 387,059                 |
| (E) Public officials' liability | 295,880   | 32,286                              | 263,594                 |
| (T) Total                       | \$50,972,601  | \$20,591,745                        | \$30,380,856            |

### II. Present Value of Estimated Outstanding Losses

| Coverage<br>(1)                 | Present Value of<br>Estimated<br>Outstanding<br>Losses<br>9/30/22<br>(2a) | Present Value of<br>Case<br>Reserves<br>9/30/22<br>(2b) | Present Value of<br>IBNR<br>9/30/22<br>(2c) |
|---------------------------------|---|---|---|
| (A) Workers' compensation       | \$28,577,638  | \$11,067,261  | \$17,510,377                                |
| (B) Law enforcement liability   | 4,505,850   | 1,958,077   | 2,547,773                                   |
| (C) General liability           | 5,373,869   | 2,677,007   | 2,696,862                                   |
| (D) Automobile liability        | 694,015   | 323,745   | 370,270                                     |
| (E) Public officials' liability | 280,909   | 30,652  | 250,257                                     |
| (T) Total                       | \$39,432,281  | \$16,056,742  | \$23,375,539                                |

Sections I and II, (2a) are from Exhibit 10 by coverage.

Section I, (2b) and (2c) are from Exhibit 9 by coverage.

Section II, (2b) and (2c) are proportional.

### City of Miami Beach, Florida Summary

Summary of Estimated Outstanding Losses by Current and Long-Term as of September 30, 2022

### I. Estimated Outstanding Losses

| Coverage<br>(1)                 | Estimated<br>Outstanding<br>Losses<br>9/30/22<br>(2a) | Current<br>Estimated<br>Outstanding<br>Losses<br>9/30/22<br>(2b) | Long-Term<br>Estimated<br>Outstanding<br>Losses<br>9/30/22<br>(2c) |
|---------------------------------|---|--|--|
| (A) Workers' compensation       | \$39,246,443  | \$3,525,135  | \$35,721,308   |
| (B) Law enforcement liability   | 4,883,766   | 1,242,763  | 3,641,003  |
| (C) General liability           | 5,821,028   | 1,455,258  | 4,365,770  |
| (D) Automobile liability        | 725,484   | 290,194  | 435,290  |
| (E) Public officials' liability | 295,880   | 59,176   | 236,704  |
|                                 |   |  |  |
| (T) Total                       | \$50,972,601  | \$6,572,526  | \$44,400,075   |

### II. Present Value of Estimated Outstanding Losses

|                                 |                  | Current          | Long-Term        |
|---------------------------------|------------------|------------------|------------------|
|                                 | Present Value of | Present Value of | Present Value of |
|                                 | Estimated        | Estimated        | Estimated        |
|                                 | Outstanding      | Outstanding      | Outstanding      |
|                                 | Losses           | Losses           | Losses           |
| Coverage                        | 9/30/22          | 9/30/22          | 9/30/22          |
| (1)                             | (2a)             | (2b)             | (2c)             |
|                                 |                  |                  |                  |
| (A) Workers' compensation       | \$28,577,638     | \$3,456,015      | \$25,121,623     |
| (B) Law enforcement liability   | 4,505,850        | 1,218,395        | 3,287,455        |
| (C) General liability           | 5,373,869        | 1,426,724        | 3,947,145        |
| (D) Automobile liability        | 694,015          | 284,504          | 409,511          |
| (E) Public officials' liability | 280,909          | 58,016           | 222,893          |
|                                 |                  |                  |                  |
| (T) Total                       | \$39,432,281     | \$6,443,653      | \$32,988,628     |

Sections I and II, (2a) are from Exhibit 10 by coverage.

Section I, (2b) is from Exhibit 11 (page 1) by coverage (excludes 2022/23).

Section I, (2c) is (2a) less (2b).

Section II, (2b) is based on Section I, (2b)/1.02.

Section II, (2c) is (2a) less (2b).

City of Miami Beach, Florida Workers' Compensation

Data Summary as of September 30, 2022

| Total         | 2021/22   | 2020/21   | 2019/20   | 2018/19   | 2017/18   | 2016/17   | 2015/16   | 2014/15   | 2013/14   | 2012/13   | 2011/12   | 2010/11   | 2009/10   | 2008/09   | 2007/08   | 2006/07   | 2005/06   | 2004/05   | 2003/04   | 2002/03   | 2001/02    | 2000/01   | 1999/00   | 1998/99   | 1997/98   | 1996/97   | to 1995/96   | (1)  | Period    | Claim        |           |          |         |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|--------------|------|-----------|--------------|-----------|----------|---------|
|               | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | See text  | None       | None      | None      | None      | None      | 500,000   | See text     | (2)  | Retention | Self-Insured | Specific  |          |         |
|               | None       | None      | None      | None      | None      | None      | None         | (3)  | Retention | Aggregate    |           |          |         |
|               | 12.0      | 24.0      | 36.0      | 48.0      | 60.0      | 72.0      | 84.0      | 96.0      | 108.0     | 120.0     | 132.0     | 144.0     | 156.0     | 168.0     | 180.0     | 192.0     | 204.0     | 216.0     | 228.0     | 240.0     | 252.0      | 264.0     | 276.0     | 288.0     | 300.0     | 312.0     | 324.0        | (4)  | 9/30/22   | Development  | Months of |          |         |
|               | 173,411   | 168,443   | 166,025   | 164,860   | 164,071   | 166,079   | 151,687   | 141,271   | 144,287   | 135,454   | 144,516   | 140,288   | 139,615   | 135,954   | 129,842   | 122,895   | 112,300   | 84,786    | 83,289    | 76,473    | 70,303     | 73,865    | 74,809    | 68,497    | 61,976    | 57,231    | Not Provided | (5)  | (000)     | Payroll      |           |          |         |
| 16,103        | 322       | 413       | 297       | 321       | 297       | 286       | 310       | 313       | 348       | 345       | 409       | 377       | 403       | 384       | 418       | 410       | 436       | 428       | 394       | 391       | 423        | 425       | 509       | 465       | 607       | 628       | 5,744        | (6)  | 9/30/22   | Claims       | Reported  |          |         |
| 310           | 64        | 13        | 7         | 6         | 2         | 1         | 6         | 8         | 4         | 9         | 7         | 10        | 4         | 9         | 9         | 51        | 9         | 16        | 8         | 13        | 20         | 9         | 7         | 6         | 5         | 8         | 35           | (7)  | 9/30/22   | Claims       | Open      | Reported |         |
| \$106,448,784 | 726,591   | 4,074,492 | 2,073,195 | 2,529,837 | 1,501,340 | 2,473,714 | 2,513,307 | 2,060,140 | 1,752,457 | 2,470,371 | 2,460,317 | 5,815,868 | 2,237,622 | 3,520,304 | 3,891,599 | 2,894,438 | 3,469,656 | 4,390,910 | 2,430,421 | 4,253,103 | 10,164,590 | 3,759,405 | 3,713,233 | 2,034,034 | 1,412,132 | 3,696,975 | \$24,128,733 | (8)  | 9/30/22   | Losses       | Paid      | Limited  |         |
| \$15,198,969  | 729,033   | 582,459   | 154,995   | 103,774   | 177,881   | 750,446   | 326,665   | 788,843   | 106,466   | 171,275   | 193,936   | 2,905,514 | 36,191    | 607,598   | 183,569   | 84,651    | 158,431   | 617,711   | 110,630   | 708,638   | 2,628,639  | 966,060   | 516,784   | 516,792   | 289,571   | 244,791   | \$537,626    | (9)  | 9/30/22   | Reserves     | Case      | Limited  |         |
| \$121,647,753 | 1,455,624 | 4,656,951 | 2,228,190 | 2,633,611 | 1,679,221 | 3,224,160 | 2,839,972 | 2,848,983 | 1,858,923 | 2,641,646 | 2,654,253 | 8,721,382 | 2,273,813 | 4,127,902 | 4,075,168 | 2,979,089 | 3,628,087 | 5,008,621 | 2,541,051 | 4,961,741 | 12,793,229 | 4,725,465 | 4,230,017 | 2,550,826 | 1,701,703 | 3,941,766 | \$24,666,359 | (10) | 9/30/22   | Losses       | Incurred  | Reported | Limited |

Summary of Percent Losses Paid, Losses Reported and Claims Reported

| Months of<br>Development<br>(1) | Percent<br>Losses<br>Paid<br>(2) | Percent<br>Losses<br>Reported<br>(3) | Percent<br>Claims<br>Reported<br>(4) |  |
|---------------------------------|----------------------------------|--------------------------------------|--------------------------------------|--|
| 360.0                           | 100.0%                           | 100.0%                               | 100.0%                               |  |
| 348.0                           | 93.2%                            | 96.4%                                | 100.0%                               |  |
| 336.0                           | 92.4%                            | 96.0%                                | 100.0%                               |  |
| 324.0                           | 91.6%                            | 95.5%                                | 100.0%                               |  |
| 312.0                           | 90.7%                            | 95.1%                                | 100.0%                               |  |
| 300.0                           | 89.8%                            | 94.5%                                | 100.0%                               |  |
| 288.0                           | 88.7%                            | 93.9%                                | 100.0%                               |  |
| 276.0                           | 87.5%                            | 93.3%                                | 100.0%                               |  |
| 264.0                           | 86.2%                            | 92.6%                                | 100.0%                               |  |
| 252.0                           | 84.8%                            | 91.8%                                | 100.0%                               |  |
| 240.0                           | 83.3%                            | 90.9%                                | 100.0%                               |  |
| 228.0                           | 81.7%                            | 90.0%                                | 100.0%                               |  |
| 216.0                           | 79.3%                            | 89.0%                                | 100.0%                               |  |
| 204.0                           | 76.3%                            | 85.7%                                | 100.0%                               |  |
| 192.0                           | 73.7%                            | 85.0%                                | 100.0%                               |  |
| 180.0                           | 72.0%                            | 83.4%                                | 100.0%                               |  |
| 168.0                           | 70.9%                            | 82.2%                                | 100.0%                               |  |
| 156.0                           | 70.1%                            | 82.9%                                | 100.0%                               |  |
| 144.0                           | 68.9%                            | 81.4%                                | 100.0%                               |  |
| 132.0                           | 67.3%                            | 80.8%                                | 100.0%                               |  |
| 120.0                           | 65.6%                            | 83.5%                                | 100.0%                               |  |
| 108.0                           | 63.9%                            | 73.9%                                | 100.0%                               |  |
| 96.0                            | 62.2%                            | 73.6%                                | 100.0%                               |  |
| 84.0                            | 61.2%                            | 71.4%                                | 100.0%                               |  |
| 72.0                            | 59.7%                            | 75.0%                                | 100.0%                               |  |
| 60.0                            | 57.0%                            | 67.1%                                | 100.0%                               |  |
| 48.0                            | 54.2%                            | 66.7%                                | 100.0%                               |  |
| 36.0                            | 50.0%                            | 57.8%                                | 99.8%                                |  |
| 24.0                            | 44.6%                            | 53.0%                                | 99.2%                                |  |
| 12.0                            | 25.0%                            | 41.8%                                | 95.4%                                |  |

<sup>(2)</sup> is from Exhibit WC-2 (page 2).

<sup>(3)</sup> is from Exhibit WC-2 (page 3).

<sup>(4)</sup> is from Exhibit WC-2 (page 4).

Exhibit WC-2 (page 2)

Historical Unlimited and Gross of Recoveries Paid Losses (\$000) and Unlimited and Gross of Recoveries Paid Loss Development

I. Historical Unlimited and Gross of Recoveries Paid Losses (\$000)

| Cumulative<br>Percent Losses Paid | Previous<br>Selected | All<br>Wtd 3<br>Last 3<br>Last 5<br>x-hi,low | 2003/04<br>2004/05<br>2005/06<br>2005/06<br>2006/07<br>2007/08<br>2008/09<br>2009/10<br>2010/11<br>2011/12<br>2012/13<br>2013/16<br>2014/16<br>2014/16<br>2014/16<br>2018/19<br>2018/19<br>2018/19<br>2019/20<br>2020/21<br>2021/22  | Claim               | II. Unlimited and Gross of Recoveries Paid Loss Development | 2015/16<br>2016/17<br>2017/18<br>2018/19<br>2019/20<br>2020/21<br>2021/22              | 2010/11<br>2011/12<br>2012/13<br>2013/14<br>2014/15 | 2007/08<br>2008/09<br>2009/10 | 2005/06        | 2002/03<br>2003/04<br>2004/05 | Claim<br>Period     |
|-----------------------------------|----------------------|--|--|---------------------|---|--|---|-------------------------------|----------------|-------------------------------|---------------------|
| 4.008<br>Paid 25.0%               |                      | 1.741<br>1.883<br>1.841<br>1.766             | 1,760<br>1,951<br>1,652<br>1,652<br>1,492<br>1,492<br>1,492<br>1,703<br>1,703<br>1,703<br>1,703<br>1,961<br>1,968<br>1,968<br>1,968<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963<br>1,963  | 12-24               | oss of Recoveries   | 885<br>782<br>7.27<br>1.278<br>1,096<br>1,960  | 1,3<br>1,0<br>1,0<br>6                              | 1 1 1<br>1 4<br>1 4           | 1,0<br>8       | 9 9 U                         | 12                  |
| )8 2.242<br>)% 44.6%              |                      | 11 1.161<br>1.099<br>11 1.097<br>11 1.123    | 1201<br>11201<br>11201<br>11201<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>11202<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>1002<br>10 |                     | Paid Loss Dev   | 85 1,733<br>48 1,764<br>82 1,254<br>82 2,130<br>78 2,130<br>96 1,940<br>60 4,090<br>27 |   |                               |                |                               | 24                  |
| 2 2.000<br>% 50.0%                |                      |  |  | 36-48               | /elopment   | 33 2,094<br>64 2,027<br>54 1,365<br>30 2,412<br>40 2,073<br>90                         |   |                               |                |                               | 36                  |
| ŭ                                 |                      |  |  |                     |   |  |   |                               |                |                               | 48                  |
| 1.844<br>54.2%                    |                      | 1.066<br>1.049<br>1.046<br>1.055             | 1.054<br>1.106<br>1.102<br>1.026<br>1.026<br>1.026<br>1.026<br>1.102<br>1.102<br>1.103<br>1.054<br>1.055<br>1.055  |                     |   | ,234<br>,317<br>,480<br>,552   | 3,311<br>2,138<br>2,046<br>1,539<br>1,764           | ,608<br>,650<br>,817          | 073            |                               |                     |
| 1.755<br>57.0%                    | 1.037                | 1.051<br>1.056<br>1.058<br>1.041             | 1.047<br>1.043<br>1.068<br>1.057<br>1.067<br>1.068<br>1.042<br>1.096<br>1.026<br>1.026<br>1.027<br>1.081<br>1.081  | 60-72               |   | 2,367<br>2,445<br>1,516  | 3,679<br>2,244<br>2,205<br>1,623<br>1,860           | 2,716<br>2,772<br>2,002       | 2,424 2,118    | \$1,562<br>1,625<br>2,775     | 60                  |
| 1.675<br>59.7%                    | 1.027                | 1.044<br>1.024<br>1.025<br>1.022             | 1.032<br>1.058<br>1.058<br>1.048<br>1.142<br>1.048<br>1.112<br>1.076<br>1.076<br>1.076<br>1.037<br>1.037   | 72-84               |   | 2,486<br>2,552   | 4,034<br>2,300<br>2,270<br>1,634<br>2,009           | 2,871<br>2,947<br>2,087       | 2,565          | \$1,683<br>1,701<br>2,895     | 72                  |
| 1.633<br>61.2%                    | 1.014                | 1.037<br>1.017<br>1.016<br>1.016             | 1.022<br>1.023<br>1.081<br>1.043<br>1.069<br>1.031<br>1.068<br>1.068<br>1.068<br>1.068<br>1.068<br>1.071<br>1.072  | 84-96               |   | 2,528  | 4,340<br>2,366<br>2,306<br>1,695<br>2,050           | 3,193<br>3,022<br>2,113       | 2,627          | \$1,869<br>1,754<br>3.064     | 84                  |
| 1.609<br>62.2%                    | 1.030                | 1.036<br>1.029<br>1.029<br>1.029             | 1.021<br>1.037<br>1.029<br>1.022<br>1.048<br>1.023<br>1.019<br>1.061<br>1.031<br>1.029<br>1.026  | 96-108              |   |  | 4,634<br>2,368<br>2,356<br>1,714<br>2,085           | 3,414<br>3,116<br>2,143       | 2,841          | \$2,011<br>1,794<br>3.135     | 96                  |
| 1.564<br>63.9%                    | 1.020                | 1.039<br>1.041<br>1.033<br>1.017             | 1.040<br>1.088<br>1.024<br>1.058<br>1.024<br>1.020<br>1.001<br>1.001<br>1.006<br>1.011   | 108-120             |   |  | 4,917<br>2,440<br>2,425<br>1,759                    | 3,577<br>3,188<br>2,183       | 2,924          | \$2,192<br>1,831<br>3.251     | 108                 |
| 1.524<br>65.6%                    | 1.021                | 1.038<br>1.038<br>1.029<br>1.019             | 1.096<br>1.047<br>1.026<br>1.020<br>1.079<br>1.017<br>1.020<br>1.059<br>1.009  | Months<br>120-132   | Months  |  | 5,242<br>2,466<br>2,476                             | 3,663<br>3,251<br>2,186       | 2,995          | \$2,350<br>1,905<br>3.538     | Months<br>120       |
| 1.486<br>67.3%                    | 1.018                | 1.037<br>1.035<br>1.029<br>1.019             | 1.036<br>1.040<br>1.025<br>1.018<br>1.018<br>1.012<br>1.027<br>1.028<br>1.051  | Months of Developme | of Developme  |  | 5,549<br>2,489                                      | 3,734<br>3,307<br>2,229       | 3,072<br>2,684 | \$2,510<br>2,087<br>3,704     | Months of Developme |
| 1.452<br>68.9%                    | 1.020                | 1.025<br>1.017<br>1.016<br>1.020             | 1.008<br>1.016<br>1.017<br>1.035<br>1.021<br>1.021<br>1.026  | nt:<br>144-156      | <del>-</del>  |  | 5,833   | 3,778<br>3,397<br>2,246       | 3,149<br>2,732 | \$2,810<br>2,161<br>3.851     | #                   |
| 1.426<br>70.1%                    | 1.009                | 1.020<br>1.012<br>1.012<br>1.013             | 1.009<br>1.025<br>1.010<br>1.010<br>1.006<br>1.020   | 156-168             |   |  |   | 3,857<br>3,468<br>2,259       | 3,204<br>2,829 | \$3,019<br>2,179<br>3.913     | 156                 |
| 1.411<br>70.9%                    | 1.018                | 1.021<br>1.013<br>1.013<br>1.013             | 1.016<br>1.026<br>1.028<br>1.007   |                     |   |  |   | 3,881<br>3,537                | 3,237<br>2,857 | \$3,202<br>2,199<br>4.012     | 168                 |
| 1.389<br>72.0%                    | 1.031                | 1.025<br>1.018<br>1.016<br>1.023             | 1.026<br>1.028<br>1.014<br>1.006   |                     |   |  |   | 3,909                         | 3,318<br>2,879 | \$3,378<br>2,231<br>4,077     | 180                 |
| 1.357<br>73.7%                    | 1.041                | 1.034<br>1.031<br>1.029                      | 1.036<br>1.033<br>1.039  | 192-204             |   |  |   |                               | 3,366<br>2,897 | \$3,538<br>2,290<br>4.193     | 192                 |
| 1.311<br>76.3%                    | 1.044                | 1.035<br>1.035<br>1.035                      | 1.031<br>1.022   |                     |   |  |   |                               | 3,497          | \$3,701<br>2,328<br>4.331     | 204                 |
| 1.261<br>79.3%                    | 1.030                | 1.030  |  | 216-228             |   |  |   |                               | į              | \$3,893<br>2,400<br>4.428     | 216                 |
| 1.224<br>81.7%                    | 1.020                | 1.048  |  | 228-240             |   |  |   |                               |                | \$4,064<br>2,437              | 228                 |
| 1.200<br>83.3%                    | 1.200                |  |  | 240-Ult             |   |  |   |                               |                | \$4,261                       | 240                 |

Section I was provided by the City and previous actuarial studies.

Exhibit WC-2 (page 3)

Historical Unlimited and Gross of Recoveries Reported Incurred Losses (\$000) and Unlimited and Gross of Recoveries Reported Incurred Loss Development

I. Historical Unlimited and Gross of Recoveries Reported Incurred Losses (\$000)

| Selected<br>Cumulative<br>Percent Losses Paid | Previous | All Average Wtd 3 Last 3 Last 5 x-hilow | 2002/03<br>2003/04<br>2004/06<br>2004/06<br>2005/06<br>2005/06<br>2006/07<br>2009/10<br>2019/11<br>2011/12<br>2011/13<br>2013/14<br>2014/15<br>2016/17<br>2018/19<br>2018/19<br>2018/19<br>2018/19<br>2018/20<br>2020/21 | Claim<br>Period                      | Claim Period 12 24 36 Period 12 36 2002/03 \$8668 \$1,355 \$1,594 2003/04 1,047 1,569 1,451 2,137 2,225 2006/07 2,085 2,085 2,085 2,085 2,085 2,085 2,085 2,085 2,085 2,085 2,085 2,085 2,137 2,225 2,007/08 3,127 3,050 3,127 3,050 3,131 2,009/10 2,256 2,199 2,119 2,011/12 2,312 2,413 2,413 2,011/14 3,052 2,413 2,413 2,413 2,131  |
|---|----------|---|--|--------------------------------------|--|
| 1.266<br>2.390<br>41.8%                       | 1.185    | 1.215<br>1.379<br>1.348<br>1.221        | 1.561<br>1.498<br>1.617<br>1.472<br>1.162<br>0.975<br>0.975<br>0.975<br>1.204<br>1.112<br>1.113<br>1.168<br>1.098<br>1.098<br>1.199<br>1.199<br>1.199<br>1.199   | 12-24                                | \$868<br>1,047<br>1,626<br>1,451<br>1,626<br>1,451<br>2,085<br>3,382<br>3,127<br>2,256<br>3,127<br>2,256<br>1,681<br>1,592<br>2,312<br>2,312<br>2,312<br>1,737<br>1,737<br>1,737<br>1,737<br>1,737<br>1,737<br>1,737<br>1,737<br>1,737<br>1,181<br>1,798<br>3,081<br>1,183<br>1,184<br>1,184<br>1,185<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1,187<br>1 |
| 1.091<br>1.887<br>53.0%                       | 1.132    | 1.102<br>1.037<br>1.050<br>1.084        | 1.176<br>1.161<br>1.242<br>1.042<br>1.037<br>1.037<br>1.092<br>0.973<br>0.977<br>1.021<br>1.005<br>1.077<br>1.175<br>1.175<br>1.175<br>1.175<br>1.175<br>1.173   | 24-36                                | \$1,355<br>1,569<br>2,626<br>2,137<br>2,423<br>2,985<br>3,050<br>2,199<br>3,671<br>1,897<br>1,897<br>1,772<br>2,028<br>1,940<br>1,346<br>2,213<br>2,213<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,2513<br>2,25  |
| 1.154<br>1.730<br>57.8%                       | 1.063    | 1.085<br>1.259<br>1.246<br>1.047        | 1.084<br>1.107<br>1.020<br>1.193<br>0.963<br>0.963<br>1.014<br>1.034<br>1.034<br>1.032<br>1.069<br>1.039<br>1.031<br>1.031<br>1.031<br>1.031<br>1.031<br>1.031   | 36-48                                | \$1,594<br>1,821<br>3,187<br>2,225<br>2,513<br>3,095<br>3,391<br>2,139<br>2,463<br>2,2463<br>2,2463<br>2,262<br>2,2794<br>2,262<br>2,794<br>2,262<br>2,794<br>2,262<br>2,794<br>2,262<br>2,279<br>1,512<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,255<br>2,    |
| 1.006<br>1.499<br>66.7%                       | 1.018    | 1.038<br>0.960<br>0.994<br>1.019        | 1.317<br>1.094<br>1.095<br>1.165<br>0.987<br>1.017<br>1.007<br>1.050<br>0.998<br>1.061<br>1.023<br>0.998<br>1.098<br>1.098   | 48-60                                | \$1,729<br>2,016<br>3,250<br>2,655<br>2,445<br>3,199<br>2,124<br>4,355<br>2,546<br>2,254<br>4,355<br>2,546<br>2,254<br>4,355<br>2,546<br>2,254<br>3,199<br>2,199<br>1,993<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995<br>1,995    |
| 1.118<br>1.490<br>67.1%                       | 1.086    | 1.065<br>1.146<br>1.149<br>1.060        | 1.077<br>0.997<br>0.994<br>0.994<br>1.032<br>1.032<br>1.034<br>1.007<br>1.140<br>1.161<br>1.010<br>1.027<br>1.177<br>1.178   | 60-72                                | \$2,277<br>\$2,277<br>2,003<br>3,094<br>2,413<br>3,190<br>3,222<br>2,230<br>4,345<br>2,701<br>1,947<br>1,947<br>1,947<br>1,947<br>1,947<br>1,947<br>1,947<br>1,949   |
| 0.952<br>1.333<br>75.0%                       | 0.972    | 1.003<br>0.912<br>0.932<br>0.956        | 1.064<br>1.007<br>1.082<br>0.992<br>1.013<br>1.104<br>1.103<br>1.013<br>1.013<br>1.013<br>1.003<br>0.869<br>0.796<br>1.004   | 72-84                                | \$2,452<br>1,998<br>3,237<br>3,075<br>2,490<br>3,480<br>3,483<br>3,333<br>2,247<br>4,955<br>3,135<br>2,247<br>4,955<br>3,135<br>2,247<br>3,135<br>2,247<br>3,135<br>2,247<br>3,135<br>2,247<br>3,135<br>2,247<br>3,135<br>2,247<br>3,135<br>2,247<br>3,135<br>2,247<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135<br>3,135    |
| 1.031<br>1.401<br>71.4%                       | 1.047    | 1.051<br>1.019<br>1.015<br>1.046        | 1.021<br>1.029<br>1.005<br>1.084<br>1.121<br>1.057<br>1.057<br>1.097<br>1.297<br>1.295<br>1.096<br>0.997   | 84-96                                | \$2,609<br>2,011<br>3,502<br>3,049<br>2,522<br>3,784<br>3,288<br>2,500<br>5,070<br>5,077<br>2,722<br>2,729<br>1,479<br>1,285<br>2,855  |
| 1.004<br>1.359<br>73.6%                       | 1.012    | 1.017<br>0.994<br>0.996<br>1.015        | 1.067<br>1.000<br>1.052<br>1.017<br>1.032<br>1.018<br>0.999<br>1.010<br>1.026<br>0.954<br>1.019  | 96-108                               | \$2,663<br>2,070<br>3,520<br>3,305<br>2,826<br>3,914<br>3,477<br>2,492<br>6,125<br>2,843<br>2,716<br>1,830<br>2,873  |
| 1.131<br>1.354<br>73.9%                       | 1.080    | 1.091<br>1.306<br>1.182<br>1.071        | 1.014<br>1.095<br>1.131<br>0.963<br>1.020<br>1.040<br>1.208<br>0.982<br>1.596<br>0.929<br>1.022  | 108-120                              | \$2,840<br>2,070<br>3,362<br>2,915<br>3,985<br>3,472<br>2,516<br>6,283<br>2,890<br>2,591<br>1,865  |
| 0.966<br>1.197<br>83.5%                       | 0.991    | 1.006<br>0.909<br>0.942<br>0.982        | 1.068<br>1.103<br>1.070<br>1.050<br>1.000<br>1.000<br>0.992<br>0.954<br>0.853<br>0.999   | Months o                             | Months (120 S2.878 S2.878 S2.266 4.188 3.239 2.972 4.162 4.195 2.471 10.031 2.685 2.647  |
| 1.008<br>1.238<br>80.8%                       | 1.015    | 1.026<br>1.003<br>1.002<br>1.002        | 1.100<br>0.981<br>1.074<br>1.065<br>1.003<br>1.003<br>1.003<br>1.026<br>0.981<br>0.998   | Months of Developmer<br>-132 132-144 | តី   |
| 1.017<br>1.228<br>81.4%                       | 1.018    | 1.032<br>1.020<br>1.016<br>1.004        | 1.173<br>1.004<br>1.015<br>0.992<br>1.027<br>1.028<br>0.958<br>0.958   | nt:<br>144-156                       | \$3,383<br>\$3,383<br>2,452<br>4,550<br>3,623<br>3,009<br>4,172<br>4,270<br>2,311<br>8,739   |
| 0.992<br>1.207<br>82.9%                       | 1.008    | 0.995<br>0.970<br>0.977<br>1.006        | 1.013<br>1.006<br>1.005<br>1.000<br>1.002<br>0.896<br>1.013  | 156-168                              | \$3,967<br>2,461<br>4,617<br>3,596<br>3,091<br>4,581<br>4,090<br>2,296   |
| 1.014<br>1.216<br>82.2%                       | 1.029    | 1.033<br>1.001<br>0.999<br>1.004        | 1 30 10 20 0. 1  | 168-180                              | \$4,019<br>2,501<br>4,638<br>3,593<br>3,158<br>4,104<br>4,104<br>4,145   |
| 1.018<br>1.199<br>83.4%                       | 1.022    | 1.015<br>1.022<br>1.015<br>1.008        | 1.006<br>1.022<br>1.092<br>0.957<br>0.997  |                                      | \$4,771<br>2,539<br>4,632<br>3,779<br>2,992<br>4,092   |
| 1.008<br>1.177<br>85.0%                       | 1.015    | 1.008<br>0.997<br>1.002                 | 1.026<br>1.017<br>0.977<br>1.010   |                                      | \$4.801<br>2.594<br>5.059<br>3.617<br>2.982  |
| 1.039<br>1.167<br>85.7%                       | 1.015    | 1.062<br>1.081<br>1.062                 | 1.209<br>0.956<br>1.021  |                                      | \$4,926<br>2,639<br>4,942<br>3,655   |
| 1.012<br>1.124<br>89.0%                       | 1.012    | 0.922                                   | 1.010  |                                      | \$5,954<br>2,523<br>5,046  |
| 1.010<br>1.111<br>90.0%                       | 1.010    | 1.001                                   |  | 228-240                              | \$4,964<br>2,548   |
| 1.100<br>1.100<br>90.9%                       | 1.100    |   |  | 240-Ult                              | \$4,969  |

Section I was provided by the City and previous actuarial studies.

Historical Reported Claims and Reported Claim Development

| Section I was provided by the City and previous actuarial studies. | Selected Cumulative Percent Claims Reported | Previous | Average All Wtd 3 Last 3 Last 5 x-hi,low | 2002/03<br>2003/04<br>2004/05<br>2005/06<br>2006/07<br>2006/07<br>2008/09<br>2008/09<br>2008/10<br>2011/11<br>2011/13<br>2013/14<br>2013/16<br>2016/17<br>2016/17<br>2017/18<br>2018/19<br>2018/19<br>2018/19<br>2018/19<br>2018/19<br>2018/19  | Claim<br>Period                          | II. Reported Claim Development | 2002/03<br>2003/04<br>2003/04<br>2004/05<br>2006/07<br>2007/08<br>2008/10<br>2010/11<br>2011/12<br>2012/13<br>2013/14<br>2014/15<br>2016/17<br>2016/17<br>2018/19<br>2018/19<br>2018/20<br>2020/21      | I. Historical Reported Claims<br>Claim<br>Period |
|--|---|----------|--|---|--|--------------------------------|---|--|
| ty and previou   | 1.040<br>1.048<br>95.4%                     | 1.050    | 1.027<br>1.013<br>1.013<br>1.013         | 1.060<br>1.040<br>1.044<br>1.044<br>1.041<br>1.028<br>1.012<br>1.027<br>1.027<br>1.016<br>1.018<br>1.033<br>1.016<br>1.010<br>1.029<br>1.039<br>1.039   | 12-24                                    | 2                              | 368<br>378<br>408<br>417<br>393<br>374<br>393<br>373<br>390<br>339<br>337<br>390<br>339<br>390<br>339<br>373<br>390<br>390<br>390<br>391<br>391<br>391<br>391<br>391<br>391<br>391<br>391<br>391<br>391 | 12   |
| ıs actuarial stı   | 1.006<br>1.008<br>99.2%                     | 1.006    | 1.001<br>1.000<br>1.000<br>1.000         | 1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000  | 24-36                                    |                                | 390<br>393<br>426<br>426<br>417<br>409<br>417<br>384<br>408<br>347<br>377<br>408<br>348<br>349<br>349<br>349<br>329<br>329<br>321<br>229<br>413   | 24   |
| idies.   | 1.002<br>1.002<br>99.8%                     | 1.002    | 1.000<br>1.000<br>1.000<br>1.000         | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000 | 36-48                                    |                                | 390<br>394<br>427<br>443<br>440<br>417<br>409<br>346<br>312<br>312<br>312<br>312<br>312<br>312<br>316<br>286<br>287<br>321  | 36   |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.001<br>1.000<br>1.000<br>1.000         | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000  | 48-60                                    |                                | 391<br>394<br>427<br>443<br>410<br>417<br>417<br>317<br>377<br>377<br>309<br>346<br>348<br>348<br>348<br>348<br>349<br>349<br>349<br>349<br>349<br>349<br>349<br>349<br>349<br>349                      | 48   |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000<br>1.000         | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>0.000  | 60-72                                    |                                | 394<br>428<br>440<br>447<br>447<br>447<br>384<br>409<br>348<br>377<br>377<br>349<br>348<br>348<br>313<br>313<br>313<br>316<br>286<br>297  | 60   |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000<br>1.000         | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000  | 72-84                                    |                                | 394<br>428<br>443<br>447<br>447<br>384<br>409<br>348<br>377<br>377<br>398<br>409<br>348<br>313<br>313<br>313  | 72   |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000<br>1.000         | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   | 84-96                                    |                                | 391<br>394<br>428<br>418<br>410<br>411<br>418<br>418<br>409<br>346<br>348<br>313<br>310   | 84   |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000<br>1.000         | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000  | 96-108                                   |                                | 391<br>394<br>428<br>413<br>410<br>411<br>418<br>418<br>409<br>346<br>348<br>313  | 96   |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000<br>1.000         | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   | 108-120                                  |                                | 391<br>394<br>428<br>4136<br>410<br>411<br>418<br>409<br>345<br>348<br>348  | 108  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000<br>1.000         | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   | Months o<br>120-132                      |                                | 391<br>394<br>428<br>428<br>410<br>411<br>411<br>418<br>384<br>409<br>345<br>345  | Months o   |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000<br>1.000         | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   | Months of Development:<br>-132 132-144 1 |                                | 391<br>394<br>428<br>428<br>410<br>411<br>411<br>418<br>334<br>409  | Months of Development:<br>20 132                 |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000<br>1.000         | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   |  |                                | 391<br>394<br>428<br>428<br>4136<br>410<br>4118<br>377<br>377   | it:<br>144                                       |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000<br>1.000         | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000  | 156-168                                  |                                | 394<br>394<br>428<br>428<br>410<br>410<br>411<br>403  | 156  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000<br>1.000         | 1.000<br>1.000<br>1.000<br>1.000<br>1.000   | 168-180                                  |                                | 394<br>394<br>428<br>428<br>410<br>4110<br>384  | 168  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000                  | 1.000<br>1.000<br>1.000<br>1.000  | 180-192                                  |                                | 391<br>394<br>428<br>428<br>4136<br>410<br>411  | 180  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000                  | 1.000<br>1.000<br>1.000   | 192-204                                  |                                | 394<br>394<br>428<br>428<br>410   | 192  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000<br>1.000<br>1.000                  | 1.000<br>1.000<br>1.000   | 204-216                                  |                                | 394<br>394<br>428<br>436  | 204  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000                                    | 1.000   | 216-228                                  |                                | 394<br>428  | 216  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000                                    | 1.000   | 228-240                                  |                                | 391   | 228  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    |  |   | 240-Ult                                  |                                | 391   | 240  |

# Developed Limited Paid Losses, Reported Incurred Losses and Case Reserves

| Claim<br>Period<br>(1) | Months of<br>Development<br>9/30/22<br>(2) | Percent<br>Losses<br>Paid<br>(3) | Percent<br>Losses<br>Reported<br>(4) | Percent<br>Losses<br>Reserved<br>9/30/22<br>((4)-(3))/<br>(100.0%-(3))<br>(5) | Limited<br>Paid<br>Losses<br>9/30/22<br>(6) | Limited<br>Case<br>Reserves<br>9/30/22<br>(7) | Limited<br>Reported<br>Incurred<br>Losses<br>9/30/22<br>(8) | Developed<br>Limited<br>Paid<br>Losses<br>(6)/(3)<br>(9) | Developed<br>Limited<br>Reported<br>Incurred<br>Losses<br>(8)/(4)<br>(10) | Developed<br>Limited<br>Case<br>Reserves<br>(6)+(7)/(5)<br>(11) |
|------------------------|--|----------------------------------|--------------------------------------|---|---|---|---|--|---|---|
| to 1995/96             | 324.0                                      | 91.6%                            | 95.5%                                | 46.7%   | \$24,128,733                                | \$537,626                                     | \$24,666,359  | \$25,608,328 *   | \$25,447,618 *  | \$25,272,104 *  |
| 1996/97                | 312.0                                      | 90.7%                            | 95.1%                                | 46.6%   | 3,696,975                                   | 244,791                                       | 3,941,766   | 3,921,016 *  | 4.068.768 *   | 4,222,576   |
| 1997/98                | 300.0                                      | 89.8%                            | 94.5%                                | 46.4%   | 1,412,132                                   | 289,571                                       | 1,701,703   | 1,573,018  | 1,800,327   | 2,035,680   |
| 1998/99                | 288.0                                      | 88.7%                            | 93.9%                                | 46.3%   | 2,034,034                                   | 516,792                                       | 2,550,826   | 2,293,100  | 2,715,608   | 3,150,456   |
| 1999/00                | 276.0                                      | 87.5%                            | 93.3%                                | 46.1%   | 3,713,233                                   | 516,784                                       | 4,230,017   | 4,242,306  | 4,534,705   | 4,833,648   |
| 2000/01                | 264.0                                      | 86.2%                            | 92.6%                                | 45.9%   | 3,759,405                                   | 966,060                                       | 4,725,465   | 4.359.098  | 5.105.142   | 5,862,265   |
| 2001/02                | 252.0                                      | 84.8%                            | 91.8%                                | 45.7%   | 10,164,590                                  | 2,628,639                                     | 12,793,229  | 11,981,450   | 13,940,318  | 15,912,017  |
| 2002/03                | 240.0                                      | 83.3%                            | 90.9%                                | 45.5%   | 4,253,103                                   | 708,638                                       | 4,961,741   | 5,105,766  | 5,458,461   | 5,810,242   |
| 2003/04                | 228.0                                      | 81.7%                            | 90.0%                                | 45.4%   | 2,430,421                                   | 110,630                                       | 2,541,051   | 2,974,812  | 2,823,390   | 2,674,340   |
| 2004/05                | 216.0                                      | 79.3%                            | 89.0%                                | 46.9%   | 4,390,910                                   | 617,711                                       | 5,008,621   | 5,537,087  | 5,627,664   | 5,709,118   |
| 2005/06                | 204.0                                      | 76.3%                            | 85.7%                                | 39.7%   | 3,469,656                                   | 158,431                                       | 3,628,087   | 4,547,387  | 4,233,474   | 3,869,104   |
| 2006/07                | 192.0                                      | 73.7%                            | 85.0%                                | 43.0%   | 2,894,438                                   | 84,651  | 2,979,089   | 3,927,324  | 3,504,811   | 3,091,458   |
| 2007/08                | 180.0                                      | 72.0%                            | 83.4%                                | 40.7%   | 3,891,599                                   | 183,569                                       | 4,075,168   | 5,404,999  | 4,886,293   | 4,342,470   |
| 2008/09                | 168.0                                      | 70.9%                            | 82.2%                                | 38.8%   | 3,520,304                                   | 607,598                                       | 4,127,902   | 4,965,168  | 5,021,779   | 5,085,003   |
| 2009/10                | 156.0                                      | 70.1%                            | 82.9%                                | 42.8%   | 2,237,622                                   | 36,191  | 2,273,813   | 3,192,043  | 2,742,838   | 2,322,162   |
| 2010/11                | 144.0                                      | 68.9%                            | 81.4%                                | 40.2%   | 5,815,868                                   | 2,905,514                                     | 8,721,382   | 8,441,028  | 10,714,229  | 13,044,787  |
| 2011/12                | 132.0                                      | 67.3%                            | 80.8%                                | 41.3%   | 2,460,317                                   | 193,936                                       | 2,654,253   | 3,655,746  | 3,284,967   | 2,930,073   |
| 2012/13                | 120.0                                      | 65.6%                            | 83.5%                                | 52.0%   | 2,470,371                                   | 171,275                                       | 2,641,646   | 3,765,809  | 3,163,648   | 2,799,525   |
| 2013/14                | 108.0                                      | 63.9%                            | 73.9%                                | 27.7%   | 1,752,457                                   | 106,466                                       | 1,858,923   | 2,742,499  | 2,515,457   | 2,136,799   |
| 2014/15                | 96.0                                       | 62.2%                            | 73.6%                                | 30.2%   | 2,060,140                                   | 788,843                                       | 2,848,983   | 3,312,122  | 3,870,901   | 4,675,777   |
| 2015/16                | 84.0                                       | 61.2%                            | 71.4%                                | 26.3%   | 2,513,307                                   | 326,665                                       | 2,839,972   | 4,106,711  | 3,977,552   | 3,755,915   |
| 2016/17                | 72.0                                       | 59.7%                            | 75.0%                                | 38.0%   | 2,473,714                                   | 750,446                                       | 3,224,160   | 4,143,575  | 4,298,880   | 4,450,379   |
| 2017/18                | 60.0                                       | 57.0%                            | 67.1%                                | 23.5%   | 1,501,340                                   | 177,881                                       | 1,679,221   | 2,633,930  | 2,502,565   | 2,258,655   |
| 2018/19                | 48.0                                       | 54.2%                            | 66.7%                                | 27.3%   | 2,529,837                                   | 103,774                                       | 2,633,611   | 4,667,596  | 3,948,442   | 2,910,065   |
| 2019/20                | 36.0                                       | 50.0%                            | 57.8%                                | 15.6%   | 2,073,195                                   | 154,995                                       | 2,228,190   | 4,146,390  | 3,855,000   | 3,066,753   |
| 2020/21                | 24.0                                       | 44.6%                            | 53.0%                                | 15.2%   | 4,074,492                                   | 582,459                                       | 4,656,951   | 8,327,453 *  | 7,621,511 *   | 5,859,851 *   |
| 2021/22                | 12.0                                       | 25.0%                            | 41.8%                                | 22.4%   | 726,591                                     | 729,033                                       | 1,455,624   | 2,906,364  | 3,482,354   | 3,981,203   |

<sup>\* -</sup> Indicates large claim(s) limited to retention. For details, see Exhibit WC-13.

<sup>(3)</sup> and (4) are based on Exhibit WC-2 (page 1).

<sup>(6), (7)</sup> and (8) are from Exhibit WC-1.

Preliminary Projected Ultimate Limited Losses to 2021/22

| Claim<br>Period<br>(1) | Developed<br>Limited<br>Paid<br>Losses<br>(2) | Developed<br>Limited<br>Reported<br>Incurred<br>Losses<br>(3) | Developed<br>Limited<br>Case<br>Reserves<br>(4) | Preliminary<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(5) |
|------------------------|---|---|---|--|
| to 1995/96             | \$25,608,328                                  | \$25,447,618  | \$25,272,104                                    | \$25,541,359   |
| 1996/97                | 3,921,016                                     | 4,068,768   | 4,222,576                                       | 4,222,576  |
| 1997/98                | 1,573,018                                     | 1,800,327   | 2,035,680                                       | 2,035,680  |
| 1998/99                | 2,293,100                                     | 2,715,608   | 3,150,456                                       | 3,150,456  |
| 1999/00                | 4,242,306                                     | 4,534,705   | 4,833,648                                       | 4,833,648  |
| 2000/01                | 4,359,098                                     | 5,105,142   | 5,862,265                                       | 5,862,265  |
| 2001/02                | 11.981.450                                    | 13.940.318  | 15,912,017                                      | 15,912,017   |
| 2002/03                | 5,105,766                                     | 5,458,461   | 5,810,242                                       | 5,810,242  |
| 2003/04                | 2,974,812                                     | 2,823,390   | 2,674,340                                       | 2,741,051  |
| 2004/05                | 5,537,087                                     | 5,627,664   | 5,709,118                                       | 5,709,118  |
| 2005/06                | 4,547,387                                     | 4,233,474   | 3,869,104                                       | 3,869,104  |
| 2006/07                | 3,927,324                                     | 3,504,811   | 3,091,458                                       | 3,104,089  |
| 2007/08                | 5,404,999                                     | 4,886,293   | 4,342,470                                       | 4,342,470  |
| 2008/09                | 4,965,168                                     | 5,021,779   | 5,085,003                                       | 5,085,003  |
| 2009/10                | 3,192,043                                     | 2,742,838   | 2,322,162                                       | 2,373,813  |
| 2010/11                | 8,441,028                                     | 10,714,229  | 13,044,787                                      | 13,044,787   |
| 2011/12                | 3,655,746                                     | 3,284,967   | 2,930,073                                       | 2,930,073  |
| 2012/13                | 3,765,809                                     | 3,163,648   | 2,799,525                                       | 2,866,646  |
| 2013/14                | 2,742,499                                     | 2,515,457   | 2,136,799                                       | 2,212,531  |
| 2014/15                | 3,312,122                                     | 3,870,901   | 4,675,777                                       | 4,434,314  |
| 2015/16                | 4,106,711                                     | 3,977,552   | 3,755,915                                       | 3,844,570  |
| 2016/17                | 4,143,575                                     | 4,298,880   | 4,450,379                                       | 4,374,629  |
| 2017/18                | 2,633,930                                     | 2,502,565   | 2,258,655                                       | 2,431,274  |
| 2018/19                | 4,667,596                                     | 3,948,442   | 2,910,065                                       | 3,676,922  |
| 2019/20                | 4,146,390                                     | 3,855,000   | 3,066,753                                       | 3,597,979  |
| 2020/21                | 8,327,453                                     | 7,621,511   | 5,859,851                                       | 7,058,035  |
| 2021/22                | 2,906,364                                     | 3,482,354   | 3,981,203                                       | 3,981,203  |

Subject to a minimum of Exhibit WC-1, (10) and minimum 50% of case reserves or \$25,000 per open claim as IBNR for claim periods with open claims.

|            |           | Developed |           |
|------------|-----------|-----------|-----------|
|            | Developed | Limited   | Developed |
|            | Limited   | Reported  | Limited   |
| Claim      | Paid      | Incurred  | Case      |
| Period     | Losses    | Losses    | Reserves  |
| to 2007/08 | 0.0%      | 0.0%      | 100.0%    |
| 2008/09    | 0.0%      | 0.0%      | 100.0%    |
| 2009/10    | 0.0%      | 0.0%      | 100.0%    |
| 2010/11    | 0.0%      | 0.0%      | 100.0%    |
| 2011/12    | 0.0%      | 0.0%      | 100.0%    |
| 2012/13    | 0.0%      | 10.0%     | 90.0%     |
| 2013/14    | 0.0%      | 20.0%     | 80.0%     |
| 2014/15    | 0.0%      | 30.0%     | 70.0%     |
| 2015/16    | 0.0%      | 40.0%     | 60.0%     |
| 2016/17    | 0.0%      | 50.0%     | 50.0%     |
| 2017/18    | 20.0%     | 40.0%     | 40.0%     |
| 2018/19    | 20.0%     | 40.0%     | 40.0%     |
| 2019/20    | 20.0%     | 40.0%     | 40.0%     |
| 2020/21    | 20.0%     | 40.0%     | 40.0%     |
| 2021/22    | 0.0%      | 0.0%      | 100.0%    |

<sup>(2), (3)</sup> and (4) are from Exhibit WC-3.

<sup>(5)</sup> is based on (2) to (4), weighted as follows:

\$2.71

#### City of Miami Beach, Florida Workers' Compensation

## Bornhuetter - Ferguson Analysis

#### I. A-priori Loss Rate

|         | Preliminary<br>Projected<br>Ultimate |           | Limited<br>Loss Rate<br>per \$100 of | Loss Rate<br>Trend | Trended<br>Limited<br>Loss Rate<br>per \$100 of | Projected<br>A-priori<br>Loss Rate<br>per \$100 of |
|---------|--------------------------------------|-----------|--------------------------------------|--------------------|---|--|
| Claim   | Limited                              | Payroll   | Payroll                              | (2022/23           | Payroll   | Payroll  |
| Period  | Losses                               | (000)     | (2)/(3)/10                           | = 1.000)           | (4)X(5)   | (7)/(5)  |
| (1)     | (2)                                  | (3)       | (4)                                  | (5)                | (6)   | (8)  |
| 2017/18 | \$2.431.274                          | \$164.071 | \$1.48                               | 0.998              | \$1.48  | \$2.71   |
| 2018/19 | 3,676,922                            | 164,860   | 2.23                                 | 1.041              | 2.32  | 2.60   |
| 2019/20 | 3,597,979                            | 166,025   | 2.17                                 | 1.030              | 2.23  | 2.63   |
| 2020/21 | 7,058,035                            | 168,443   | 4.19                                 | 1.020              | 4.27  | 2.65   |
| 2021/22 | 3,981,203                            | 173,411   | 2.30                                 | 1.010              | 2.32  | 2.68   |

(7) Projected 2022/23 a-priori loss rate per \$100 of Payroll

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

|         |             |         |              |           |              | B-F         |
|---------|-------------|---------|--------------|-----------|--------------|-------------|
|         |             |         | Projected    |           | B-F          | Ultimate    |
|         | Limited     |         | A-priori     |           | Unpaid       | Limited     |
|         | Paid        | Percent | Loss Rate    |           | Losses       | Paid        |
| Claim   | Losses      | Losses  | per \$100 of | Payroll   | (100.0%-(3)) | Losses      |
| Period  | 9/30/22     | Paid    | Payroll      | (000)     | X(4)X(5)X10  | (2)+(6)     |
| (1)     | (2)         | (3)     | (4)          | (5)       | (6)          | (7)         |
|         |             |         |              |           |              |             |
| 2017/18 | \$1,501,340 | 57.0%   | \$2.71       | \$164,071 | \$1,912,662  | \$3,414,002 |
| 2018/19 | 2,529,837   | 54.2%   | 2.60         | 164,860   | 1,964,100    | 4,493,937   |
| 2019/20 | 2,073,195   | 50.0%   | 2.63         | 166,025   | 2,180,958    | 4,254,153   |
| 2020/21 | 4,074,492   | 44.6%   | 2.65         | 168,443   | 2,476,217    | 6,550,709   |
| 2021/22 | 726,591     | 25.0%   | 2.68         | 173,411   | 3,485,669    | 4,212,260   |

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

| Claim<br>Period<br>(1) | Limited<br>Reported<br>Incurred<br>Losses<br>9/30/22<br>(2) | Percent<br>Losses<br>Reported<br>(3) | Projected<br>A-priori<br>Loss Rate<br>per \$100 of<br>Payroll<br>(4) | Payroll<br>(000)<br>(5) | B-F<br>Unreported<br>Losses<br>(100.0%-(3))<br>X(4)X(5)X10<br>(6) | B-F<br>Ultimate<br>Limited<br>Reported<br>Losses<br>(2)+(6)<br>(7) |
|------------------------|---|--------------------------------------|--|-------------------------|---|--|
| 2017/18                | \$1,679,221   | 67.1%                                | \$2.71   | \$164,071               | \$1,463,409   | \$3,142,630  |
| 2018/19                | 2,633,611   | 66.7%                                | 2.60   | 164,860                 | 1,428,046   | 4,061,657  |
| 2019/20                | 2,228,190   | 57.8%                                | 2.63   | 166,025                 | 1,840,729   | 4,068,919  |
| 2020/21                | 4,656,951   | 53.0%                                | 2.65   | 168,443                 | 2,100,762   | 6,757,713  |
| 2021/22                | 1,455,624   | 41.8%                                | 2.68   | 173,411                 | 2,704,879   | 4,160,503  |

Section I, (2) is from Exhibit WC-4.

Section I, (3), Section II, (5) and Section III, (5) were provided by the City.

Section I, (5) is from Exhibit WC-12.

Section I, (7) is based on Section I, (6) and the following weights:

| Claim<br>Period | Weight |
|-----------------|--------|
| 2017/18         | 10.0%  |
| 2018/19         | 15.0%  |
| 2019/20         | 20.0%  |
| 2020/21         | 25.0%  |
| 2021/22         | 30.0%  |

Sections II and III, (2) are from Exhibit WC-1.

Sections II and III, (3) are based on Exhibit WC-2 (page 1).

Sections II and III, (4) are from Section I, (8).

# Frequency Times Severity Analysis

## I. Projected Ultimate Claims

| Claim<br>Period<br>(1) | Months of<br>Development<br>9/30/22<br>(2) | Reported<br>Claims<br>9/30/22<br>(3) | Percent<br>Claims<br>Reported<br>(4) | Projected<br>Ultimate<br>Claims<br>(3)/(4)<br>(5) | Reported<br>Open<br>Claims<br>9/30/22<br>(6) | Number of<br>IBNR<br>Claims<br>(5)-(3)<br>(7) | Open<br>Claims<br>9/30/22<br>(6)+(7)<br>(8) |
|------------------------|--|--------------------------------------|--------------------------------------|---|--|---|---|
| 2017/18                | 60.0                                       | 297                                  | 100.0%                               | 297   | 2  |   | 2   |
| 2018/19                | 48.0                                       | 321                                  | 100.0%                               | 321   | 6  | 0   | 6   |
| 2019/20                | 36.0                                       | 297                                  | 99.8%                                | 298   | 7  | 1   | 8   |
| 2020/21                | 24.0                                       | 413                                  | 99.2%                                | 416   | 13   | 3   | 16  |
| 2021/22                | 12.0                                       | 322                                  | 95.4%                                | 338   | 64   | 16  | 80  |

# II. Frequency Times Severity

| Claim<br>Period<br>(1) | Preliminary<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(2) | Projected<br>Ultimate<br>Claims<br>(3) | Average<br>Severity<br>(2)/(3)<br>(4) | Severity<br>Trend<br>(2022/23<br>= 1.000)<br>(5) | Trended<br>Average<br>Claim<br>Severity<br>(4)X(5)<br>(6) | De-Trended<br>Projected<br>2022/23<br>Average<br>Claim<br>Severity<br>(7)/(5)<br>(8) | Frequency<br>Times<br>Severity<br>(3)X(8)<br>(9) |
|------------------------|--|--|---------------------------------------|--|---|--|--|
| 2017/18                | \$2,431,274  | 297                                    | \$8,186                               | 1.102  | \$9,024   | \$11,841   | \$3,516,893                                      |
| 2018/19                | 3,676,922  | 321                                    | 11,455                                | 1.126  | 12,902  | 11,589   | 3,720,085  |
| 2019/20                | 3,597,979  | 298                                    | 12,074                                | 1.093  | 13,201  | 11,939   | 3,557,834  |
| 2020/21                | 7,058,035  | 416                                    | 16,966                                | 1.061  | 18,007  | 12,300   | 5,116,633  |
| 2021/22                | 3,981,203  | 338                                    | 11,779                                | 1.030  | 12,134  | 12,671   | 4,282,814  |

(7) Projected 2022/23 average claim severity

\$13,054

Section I, (3) and (6) are from Exhibit WC-1.

Section I, (4) is from Exhibit WC-2.

Section II, (2) is from Exhibit WC-4.

Section II, (3) is from Section I, (5).

Section II, (5) is from Exhibit WC-12.

Section II, (7) is based on (6) and the following weights:

| Claim<br>Period | Weight |
|-----------------|--------|
| 2017/18         | 20.0%  |
| 2018/19         | 20.0%  |
| 2019/20         | 20.0%  |
| 2020/21         | 20.0%  |
| 2021/22         | 20.0%  |

#### Projected Ultimate Limited Losses to 2021/22

|            |              |              |              |           |           |           | Previous     |              | Change in |
|------------|--------------|--------------|--------------|-----------|-----------|-----------|--------------|--------------|-----------|
|            |              | Developed    |              | B-F       | B-F       |           | Projected    |              | Projected |
|            | Developed    | Limited      | Developed    | Paid      | Reported  |           | Ultimate     | Projected    | Ultimate  |
|            | Limited      | Reported     | Limited      | Method    | Method    | Frequency | Limited      | Ultimate     | Limited   |
| Claim      | Paid         | Incurred     | Case         | Ultimate  | Ultimate  | Times     | Losses       | Limited      | Losses    |
| Period     | Losses       | Losses       | Reserves     | Losses    | Losses    | Severity  | (9/30/21)    | Losses       | (9)-(8)   |
| (1)        | (2)          | (3)          | (4)          | (5)       | (6)       | (7)       | (8)          | (9)          | (10)      |
| to 1995/96 | \$25,608,328 | \$25,447,618 | \$25,272,104 |           |           |           | \$25,488,156 | \$25,541,359 | \$53,203  |
| 1996/97    | 3,921,016    | 4,068,768    | 4,222,576    |           |           |           | 4,083,613    | 4,222,576    | 138,963   |
| 1997/98    | 1,573,018    | 1,800,327    | 2,035,680    |           |           |           | 1,784,769    | 2,035,680    | 250,911   |
| 1998/99    | 2,293,100    | 2,715,608    | 3,150,456    |           |           |           | 2,995,769    | 3,150,456    | 154,687   |
| 1999/00    | 4,242,306    | 4,534,705    | 4,833,648    |           |           |           | 4,702,034    | 4,833,648    | 131,614   |
| 2000/01    | 4,359,098    | 5,105,142    | 5,862,265    |           |           |           | 5,043,679    | 5,862,265    | 818,586   |
| 2001/02    | 11,981,450   | 13,940,318   | 15,912,017   |           |           |           | 14,132,443   | 13,940,318   | (192,125) |
| 2002/03    | 5,105,766    | 5,458,461    | 5,810,242    |           |           |           | 5,791,857    | 5,810,242    | 18,385    |
| 2003/04    | 2,974,812    | 2,823,390    | 2,674,340    |           |           |           | 2,718,109    | 2,741,051    | 22,942    |
| 2004/05    | 5,537,087    | 5,627,664    | 5,709,118    |           |           |           | 5,555,803    | 5,709,118    | 153,315   |
| 2005/06    | 4,547,387    | 4,233,474    | 3,869,104    |           |           |           | 3,947,365    | 3,869,104    | (78,261)  |
| 2006/07    | 3,927,324    | 3,504,811    | 3,091,458    |           |           |           | 3,273,071    | 3,104,089    | (168,982) |
| 2007/08    | 5,404,999    | 4,886,293    | 4,342,470    |           |           |           | 4,605,099    | 4,342,470    | (262,628) |
| 2008/09    | 4,965,168    | 5,021,779    | 5,085,003    |           |           |           | 4,968,076    | 5,059,713    | 91,637    |
| 2009/10    | 3,192,043    | 2,742,838    | 2,322,162    |           |           |           | 2,812,737    | 2,490,432    | (322,304) |
| 2010/11    | 8,441,028    | 10,714,229   | 13,044,787   |           |           |           | 10,307,652   | 10,174,139   | (133,513) |
| 2011/12    | 3,655,746    | 3,284,967    | 2,930,073    |           |           |           | 3,157,844    | 3,289,732    | 131,889   |
| 2012/13    | 3,765,809    | 3,163,648    | 2,799,525    |           |           |           | 3,188,629    | 2,981,587    | (207,042) |
| 2013/14    | 2,742,499    | 2,515,457    | 2,136,799    |           |           |           | 2,454,016    | 2,530,542    | 76,526    |
| 2014/15    | 3,312,122    | 3,870,901    | 4,675,777    |           |           |           | 4,059,054    | 3,920,120    | (138,934) |
| 2015/16    | 4,106,711    | 3,977,552    | 3,755,915    |           |           |           | 3,989,449    | 3,959,056    | (30,392)  |
| 2016/17    | 4,143,575    | 4,298,880    | 4,450,379    |           |           |           | 4,356,200    | 4,328,418    | (27,781)  |
| 2017/18    | 2,633,930    | 2,502,565    | 2,258,655    | 3,414,002 | 3,142,630 | 3,516,893 | 2,607,245    | 2,570,767    | (36,477)  |
| 2018/19    | 4,667,596    | 3,948,442    | 2,910,065    | 4,493,937 | 4,061,657 | 3,720,085 | 4,132,631    | 3,917,533    | (215,098) |
| 2019/20    | 4,146,390    | 3,855,000    | 3,066,753    | 4,254,153 | 4,068,919 | 3,557,834 | 4,010,247    | 3,736,596    | (273,651) |
| 2020/21    | 8,327,453    | 7,621,511    | 5,859,851    | 6,550,709 | 6,757,713 | 5,116,633 | 6,986,132    | 7,049,388    | 63,256    |
| 2021/22    | 2,906,364    | 3,482,354    | 3,981,203    | 4,212,260 | 4,160,503 | 4,282,814 | 4,859,905    | 4,524,828    | (335,077) |

Subject to a minimum of Exhibit WC-1, (10) and minimum 50% of case reserves or \$25,000 per open claim as IBNR for claim periods with open claims.

| Claim<br>Period | Developed<br>Limited<br>Paid<br>Losses | Developed<br>Limited<br>Reported<br>Incurred<br>Losses | Developed<br>Limited<br>Case<br>Reserves | B-F<br>Paid<br>Method<br>Ultimate<br>Losses | B-F<br>Reported<br>Method<br>Ultimate<br>Losses | Frequency<br>Times<br>Severity | Previous<br>Projected<br>Ultimate<br>Limited<br>Losses |                           |
|-----------------|--|--|--|---|---|--------------------------------|--|---------------------------|
| to 2007/08      | 0.0%                                   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |                           |
| 2008/09         | 0.0%                                   | 40.0%  | 60.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |                           |
| 2009/10         | 0.0%                                   | 40.0%  | 60.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |                           |
| 2010/11         | 30.0%                                  | 70.0%  | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |                           |
| 2011/12         | 30.0%                                  | 40.0%  | 30.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |                           |
| 2012/13         | 0.0%                                   | 50.0%  | 50.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |                           |
| 2013/14         | 40.0%                                  | 40.0%  | 20.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |                           |
| 2014/15         | 20.0%                                  | 60.0%  | 20.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |                           |
| 2015/16         | 20.0%                                  | 60.0%  | 20.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |                           |
| 2016/17         | 20.0%                                  | 40.0%  | 40.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |                           |
| 2017/18         | 30.0%                                  | 40.0%  | 20.0%                                    | 5.0%  | 5.0%  | 0.0%                           | 0.0%   |                           |
| 2018/19         | 20.0%                                  | 50.0%  | 20.0%                                    | 5.0%  | 5.0%  | 0.0%                           | 0.0%   |                           |
| 2019/20         | 30.0%                                  | 30.0%  | 30.0%                                    | 5.0%  | 5.0%  | 0.0%                           | 0.0%   |                           |
| 2020/21         | 20.0%                                  | 35.0%  | 35.0%                                    | 5.0%  | 5.0%  | 0.0%                           | 0.0%   |                           |
| 2021/22         | 0.0%                                   | 0.0%   | 30.0%                                    | 35.0%                                       | 35.0%   | 0.0%                           | 0.0%   | plus \$400,000 (see text) |
| Total Last 5    | \$22,681,733                           | \$21,409,872   | \$18,076,526                             | \$22,925,060                                | \$22,191,421                                    | \$20,194,259                   | \$22,596,160   |                           |

Average projected ultimate limited losses total last 5, excluding previous: Projected ultimate limited losses total last 5

\$21,246,479 \$21,799,113

<sup>(2), (3)</sup> and (4) are from Exhibit WC-3.

<sup>(5)</sup> and (6) are from Exhibit WC-5.

<sup>(7)</sup> is from Exhibit WC-6.

<sup>(8)</sup> is from the previous study.

<sup>(9)</sup> is based on (2) to (8), weighted as follows:

## Projected Ultimate Limited Losses for 2022/23 and Subsequent

| Claim<br>Period<br>(1)<br>2017/18<br>2018/19<br>2019/20 | Projected Ultimate Limited Losses (2)                               | Payroll<br>(000)<br>(3)<br>          | Limited Loss Rate per \$100 of Payroll (2)/(3)/10 (4)           | Loss Rate Trend (2022/23 = 1.000) (5) 0.998 1.041 1.030 | Trended Limited Loss Rate per \$100 of Payroll (4)X(5) (6)                      |   |
|---|---|--------------------------------------|---|---|---|---|
| 2020/21   | 7,049,388   | 168,443                              | 4.19  | 1.020   | 4.27  |   |
| 2021/22   | 4,524,828   | 173,411                              | 2.61  | 1.010   | 2.64  |   |
| Total   | \$21,799,113  | \$836,810                            | \$2.61  |   | \$2.65  |   |
| Claim<br>Period<br>(1)                                  | Projected<br>Limited<br>Loss Rate<br>per \$100 of<br>Payroll<br>(7) | Projected<br>Payroll<br>(000)<br>(8) | Projected<br>Ultimate<br>Limited<br>Losses<br>(7)X(8)X10<br>(9) | Present<br>Value<br>Factor<br>(10)                      | Present Value of Projected Limited Loss Rate per \$100 of Payroll (7)X(10) (11) | Present Value of Projected Ultimate Limited Losses (8)X(11)X10 (12) |
| 2022/23   | \$2.78  | \$182,082                            | \$5,068,053   | 0.76  | \$2.12  | \$3,856,78  |
| 2023/24   | φ2.76<br>2.81   | 191,186                              | 5,374,672   | 0.76  | φ2.12<br>2.14   | 4,090,12  |
| 2024/25   | 2.84  | 200,745                              | 5,699,839   | 0.76  | 2.14  | 4,337,57  |
| 2025/26   | 2.87  | 210,783                              | 6,044,680   | 0.76  | 2.18  | 4,600,00  |
| 2026/27   | 2.90  | 221,322                              | 6,410,383   | 0.76  | 2.20  | 4,878,30  |

| Claim<br>Period | Weight |
|-----------------|--------|
| 2017/18         | 13.3%  |
| 2018/19         | 16.7%  |
| 2019/20         | 20.0%  |
| 2020/21         | 23.3%  |
| 2021/22         | 26.7%  |

<sup>(2)</sup> is from Exhibit WC-7.

<sup>(3)</sup> was provided by the City.

<sup>(5)</sup> is from Exhibit WC-12.

<sup>(7)</sup> for 2022/23 is based on (6) and the following weights:

<sup>(7)</sup> for 2023/24 and subsequent are based on 2022/23 plus the trend in Exhibit WC-12.

<sup>(8)</sup> is based on (3) for 2021/22 and a 5% trend.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit WC-2 (page 1).

Estimated Outstanding Losses as of September 30, 2022

|            | Limited       | Limited      | Limited<br>Reported | Projected     | Estimated<br>Outstanding | Estimated    |
|------------|---------------|--------------|---------------------|---------------|--------------------------|--------------|
|            | Paid          | Case         | Incurred            | Ultimate      | Losses                   | IBNR         |
| Claim      | Losses        | Reserves     | Losses              | Limited       | 9/30/22                  | 9/30/22      |
| Period     | 9/30/22       | 9/30/22      | 9/30/22             | Losses        | (5)-(2)                  | (6)-(3)      |
| (1)        | (2)           | (3)          | (4)                 | (5)           | (6)                      | (7)          |
| to 1995/96 | \$24,128,733  | \$537,626    | \$24,666,359        | \$25,541,359  | \$1,412,626              | \$875,000    |
| 1996/97    | 3,696,975     | 244,791      | 3,941,766           | 4,222,576     | 525,601                  | 280,810      |
| 1997/98    | 1,412,132     | 289,571      | 1,701,703           | 2,035,680     | 623,548                  | 333,977      |
| 1998/99    | 2,034,034     | 516,792      | 2,550,826           | 3,150,456     | 1,116,422                | 599,630      |
| 1999/00    | 3,713,233     | 516,784      | 4,230,017           | 4,833,648     | 1,120,415                | 603,631      |
| 2000/01    | 3,759,405     | 966,060      | 4,725,465           | 5,862,265     | 2,102,860                | 1,136,800    |
| 2001/02    | 10,164,590    | 2,628,639    | 12,793,229          | 13,940,318    | 3,775,728                | 1,147,089    |
| 2002/03    | 4,253,103     | 708,638      | 4,961,741           | 5,810,242     | 1,557,139                | 848,501      |
| 2003/04    | 2,430,421     | 110,630      | 2,541,051           | 2,741,051     | 310,630                  | 200,000      |
| 2004/05    | 4,390,910     | 617,711      | 5,008,621           | 5,709,118     | 1,318,208                | 700,497      |
| 2005/06    | 3,469,656     | 158,431      | 3,628,087           | 3,869,104     | 399,448                  | 241,017      |
| 2006/07    | 2,894,438     | 84,651       | 2,979,089           | 3,104,089     | 209,651                  | 125,000      |
| 2007/08    | 3,891,599     | 183,569      | 4,075,168           | 4,342,470     | 450,871                  | 267,302      |
| 2008/09    | 3,520,304     | 607,598      | 4,127,902           | 5,059,713     | 1,539,409                | 931,811      |
| 2009/10    | 2,237,622     | 36,191       | 2,273,813           | 2,490,432     | 252,810                  | 216,619      |
| 2010/11    | 5,815,868     | 2,905,514    | 8,721,382           | 10,174,139    | 4,358,271                | 1,452,757    |
| 2011/12    | 2,460,317     | 193,936      | 2,654,253           | 3,289,732     | 829,415                  | 635,479      |
| 2012/13    | 2,470,371     | 171,275      | 2,641,646           | 2,981,587     | 511,216                  | 339,941      |
| 2013/14    | 1,752,457     | 106,466      | 1,858,923           | 2,530,542     | 778,085                  | 671,619      |
| 2014/15    | 2,060,140     | 788,843      | 2,848,983           | 3,920,120     | 1,859,980                | 1,071,137    |
| 2015/16    | 2,513,307     | 326,665      | 2,839,972           | 3,959,056     | 1,445,749                | 1,119,084    |
| 2016/17    | 2,473,714     | 750,446      | 3,224,160           | 4,328,418     | 1,854,704                | 1,104,258    |
| 2017/18    | 1,501,340     | 177,881      | 1,679,221           | 2,570,767     | 1,069,427                | 891,546      |
| 2018/19    | 2,529,837     | 103,774      | 2,633,611           | 3,917,533     | 1,387,696                | 1,283,922    |
| 2019/20    | 2,073,195     | 154,995      | 2,228,190           | 3,736,596     | 1,663,401                | 1,508,406    |
| 2020/21    | 4,074,492     | 582,459      | 4,656,951           | 7,049,388     | 2,974,896                | 2,392,437    |
| 2021/22    | 726,591       | 729,033      | 1,455,624           | 4,524,828     | 3,798,237                | 3,069,204    |
| Total      | \$106,448,784 | \$15,198,969 | \$121,647,753       | \$145,695,231 | \$39,246,443             | \$24,047,474 |

<sup>(2)</sup>, (3) and (4) are from Exhibit WC-1, and net of the specific self insured retention and aggregate retention.

<sup>(5)</sup> is from Exhibit WC-7.

Present Value of Estimated Outstanding Losses as of December 31, 2021

| Claim<br>Period<br>(1) | Estimated<br>Outstanding<br>Losses<br>9/30/22<br>(2) | Present<br>Value<br>Factor<br>(3) | Present Value of Estimated Outstanding Losses 9/30/22 (2)X(3) (4) | Anticipated Future Investment Income (2)-(4) (5) |
|------------------------|--|-----------------------------------|---|--|
| to 1995/96             | \$1,412,626  | 0.92                              | \$1,295,378   | \$117,248  |
| 1996/97                | 525,601  | 0.89                              | 468,310   | 57,291   |
| 1997/98                | 623,548  | 0.87                              | 541,863   | 81,685   |
| 1998/99                | 1,116,422  | 0.85                              | 947,842   | 168,580  |
| 1999/00                | 1,120,415  | 0.83                              | 932,185   | 188,230  |
| 2000/01                | 2,102,860  | 0.82                              | 1,718,037   | 384,823  |
| 2001/02                | 3,775,728  | 0.80                              | 3,031,910   | 743,818  |
| 2002/03                | 1,557,139  | 0.79                              | 1,233,254   | 323,885  |
| 2003/04                | 310,630  | 0.78                              | 242,291   | 68,339   |
| 2004/05                | 1,318,208  | 0.78                              | 1,024,248   | 293,960  |
| 2005/06                | 399,448  | 0.78                              | 310,371   | 89,077   |
| 2006/07                | 209,651  | 0.77                              | 161,431   | 48,220   |
| 2007/08                | 450,871  | 0.76                              | 340,408   | 110,463  |
| 2008/09                | 1,539,409  | 0.74                              | 1,133,005   | 406,404  |
| 2009/10                | 252,810  | 0.72                              | 180,759   | 72,051   |
| 2010/11                | 4,358,271  | 0.70                              | 3,042,073   | 1,316,198  |
| 2011/12                | 829,415  | 0.69                              | 569,808   | 259,607  |
| 2012/13                | 511,216  | 0.68                              | 345,582   | 165,634  |
| 2013/14                | 778,085  | 0.67                              | 518,205   | 259,880  |
| 2014/15                | 1,859,980  | 0.66                              | 1,218,287   | 641,693  |
| 2015/16                | 1,445,749  | 0.64                              | 923,834   | 521,915  |
| 2016/17                | 1,854,704  | 0.63                              | 1,164,754   | 689,950  |
| 2017/18                | 1,069,427  | 0.63                              | 671,600   | 397,827  |
| 2018/19                | 1,387,696  | 0.63                              | 870,085   | 517,611  |
| 2019/20                | 1,663,401  | 0.63                              | 1,054,596   | 608,805  |
| 2020/21                | 2,974,896  | 0.65                              | 1,921,783   | 1,053,113  |
| 2021/22                | 3,798,237  | 0.72                              | 2,715,739   | 1,082,498  |
| Total                  | \$39,246,443   |                                   | \$28,577,638  | \$10,668,805                                     |

<sup>(2)</sup> is from Exhibit WC-9.

<sup>(3)</sup> is based on a 4% interest rate and the payout pattern in Exhibit WC-2 (page 1).

Projected Losses Paid October 1, 2022 to September 30, 2023

| \$28,848,272 |         | \$39,522,348 | \$4,792,148 | \$44,314,496          |              |         |             |         |             | Total      |
|--------------|---------|--------------|-------------|-----------------------|--------------|---------|-------------|---------|-------------|------------|
| 2,717,744    | 0.72    | 3,801,040    | 1,267,013   | 5,068,053             | 25.0%        | 25.0%   | 12.0        | 0.0%    | 0.0         | 2022/23    |
| 1,812,438    | 0.65    | 2,805,631    | 992,606     | 3,798,237             | 26.1%        | 44.6%   | 24.0        | 25.0%   | 12.0        | 2021/22    |
| 1,702,242    | 0.63    | 2,684,924    | 289,972     | 2,974,896             | 9.7%         | 50.0%   | 36.0        | 44.6%   | 24.0        | 2020/21    |
| 955,344      | 0.63    | 1,523,675    | 139,726     | 1,663,401             | 8.4%         | 54.2%   | 48.0        | 50.0%   | 36.0        | 2019/20    |
| 818,195      | 0.63    | 1,302,859    | 84,837      | 1,387,696             | 6.1%         | 57.0%   | 60.0        | 54.2%   | 48.0        | 2018/19    |
| 629,430      | 0.63    | 1,002,277    | 67,150      | 1,069,427             | 6.3%         | 59.7%   | 72.0        | 57.0%   | 60.0        | 2017/18    |
| 1,141,043    | 0.64    | 1,785,670    | 69,034      | 1,854,704             | 3.7%         | 61.2%   | 84.0        | 59.7%   | 72.0        | 2016/17    |
| 922,559      | 0.66    | 1,408,487    | 37,262      | 1,445,749             | 2.6%         | 62.2%   | 96.0        | 61.2%   | 84.0        | 2015/16    |
| 1,183,036    | 0.67    | 1,776,330    | 83,650      | 1,859,980             | 4.5%         | 63.9%   | 108.0       | 62.2%   | 96.0        | 2014/15    |
| 501,216      | 0.68    | 741,444      | 36,641      | 778,085               | 4.7%         | 65.6%   | 120.0       | 63.9%   | 108.0       | 2013/14    |
| 333,849      | 0.69    | 485,952      | 25,264      | 511,216               | 4.9%         | 67.3%   | 132.0       | 65.6%   | 120.0       | 2012/13    |
| 550,605      | 0.70    | 788,832      | 40,583      | 829,415               | 4.9%         | 68.9%   | 144.0       | 67.3%   | 132.0       | 2011/12    |
| 2,995,926    | 0.72    | 4,190,106    | 168,165     | 4,358,271             | 3.9%         | 70.1%   | 156.0       | 68.9%   | 144.0       | 2010/11    |
| 181,090      | 0.74    | 246,046      | 6,764       | 252,810               | 2.7%         | 70.9%   | 168.0       | 70.1%   | 156.0       | 2009/10    |
| 1,118,320    | 0.76    | 1,481,218    | 58,191      | 1,539,409             | 3.8%         | 72.0%   | 180.0       | 70.9%   | 168.0       | 2008/09    |
| 326,093      | 0.77    | 423,497      | 27,374      | 450,871               | 6.1%         | 73.7%   | 192.0       | 72.0%   | 180.0       | 2007/08    |
| 146,795      | 0.78    | 188,925      | 20,726      | 209,651               | 9.9%         | 76.3%   | 204.0       | 73.7%   | 192.0       | 2006/07    |
| 271,084      | 0.78    | 348,885      | 50,563      | 399,448               | 12.7%        | 79.3%   | 216.0       | 76.3%   | 204.0       | 2005/06    |
| 908,990      | 0.78    | 1,165,372    | 152,836     | 1,318,208             | 11.6%        | 81.7%   | 228.0       | 79.3%   | 216.0       | 2004/05    |
| 224,509      | 0.79    | 283,471      | 27,159      | 310,630               | 8.7%         | 83.3%   | 240.0       | 81.7%   | 228.0       | 2003/04    |
| 1,135,373    | 0.80    | 1,413,914    | 143,225     | 1,557,139             | 9.2%         | 84.8%   | 252.0       | 83.3%   | 240.0       | 2002/03    |
| 2,798,616    | 0.82    | 3,425,478    | 350,250     | 3,775,728             | 9.3%         | 86.2%   | 264.0       | 84.8%   | 252.0       | 2001/02    |
| 1,586,042    | 0.83    | 1,906,301    | 196,559     | 2,102,860             | 9.3%         | 87.5%   | 276.0       | 86.2%   | 264.0       | 2000/01    |
| 861,709      | 0.85    | 1,014,969    | 105,446     | 1,120,415             | 9.4%         | 88.7%   | 288.0       | 87.5%   | 276.0       | 1999/00    |
| 878,304      | 0.87    | 1,010,706    | 105,716     | 1,116,422             | 9.5%         | 89.8%   | 300.0       | 88.7%   | 288.0       | 1998/99    |
| 502,682      | 0.89    | 564,177      | 59,371      | 623,548               | 9.5%         | 90.7%   | 312.0       | 89.8%   | 300.0       | 1997/98    |
| 435,857      | 0.92    | 475,308      | 50,293      | 525,601               | 9.6%         | 91.6%   | 324.0       | 90.7%   | 312.0       | 1996/97    |
| \$1,209,181  | 0.95    | \$1,276,854  | \$135,772   | \$1,412,626           | 9.6%         | 92.4%   | 336.0       | 91.6%   | 324.0       | to 1995/96 |
| (11)         | (10)    | (9)          | (8)         | (7)                   | (6)          | (5)     | (4)         | (3)     | (2)         | (1)        |
| (9)X(10)     | Factor  | (7)-(8)      | (6)X(7)     | 9/30/22               | (100.0%-(3)) | Paid    | 9/30/23     | Paid    | 9/30/22     | Period     |
| 9/30/23      | Value   | 9/30/23      | Paid        | Losses                | ((5)-(3))/   | Losses  | Development | Losses  | Development | Claim      |
| Losses       | Present | Losses       | Losses      | Outstanding           | 9/30/23      | Percent | Months of   | Percent | Months of   |            |
| Outstanding  |         | Outstanding  | D           | Π <sub>2</sub> timoth | 10/1/22 to   |         |             |         |             |            |
| Value of     |         |              |             |                       | Losses       |         |             |         |             |            |
| Present      |         |              |             |                       | Outstanding  |         |             |         |             |            |
|              |         |              |             |                       | Percent      |         |             |         |             |            |

<sup>(3)</sup> and (5) are from Exhibit WC-2 (page 1).

<sup>(7)</sup> to 2021/22 is from Exhibit WC-9. The amount for 2022/23 is from Exhibit WC-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit WC-2 (page 1).

Projected Losses Paid October 1, 2023 to September 30, 2024

| \$29,336,988                   |                  | \$40,073,355             | \$4,823,665    | \$44,897,020          |                              |                   |                       |                   |                       | Total      |
|--------------------------------|------------------|--------------------------|----------------|-----------------------|------------------------------|-------------------|-----------------------|-------------------|-----------------------|------------|
| 2,882,168                      | 0.72             | 4,031,004                | 1,343,668      | 5,374,672             | 25.0%                        | 25.0%             | 12.0                  | 0.0%              | 0.0                   | 2023/24    |
| 1,813,775                      | 0.65             | 2,807,702                | 993,338        | 3,801,040             | 26.1%                        | 44.6%             | 24.0                  | 25.0%             | 12.0                  | 2022/23    |
| 1,605,388                      | 0.63             | 2,532,158                | 273,473        | 2,805,631             | 9.7%                         | 50.0%             | 36.0                  | 44.6%             | 24.0                  | 2021/22    |
| 1,542,038                      | 0.63             | 2,459,390                | 225,534        | 2,684,924             | 8.4%                         | 54.2%             | 48.0                  | 50.0%             | 36.0                  | 2020/21    |
| 898,370                        | 0.63             | 1,430,525                | 93,150         | 1,523,675             | 6.1%                         | 57.0%             | 60.0                  | 54.2%             | 48.0                  | 2019/20    |
| 766,821                        | 0.63             | 1,221,052                | 81,807         | 1,302,859             | 6.3%                         | 59.7%             | 72.0                  | 57.0%             | 60.0                  | 2018/19    |
| 616,616                        | 0.64             | 964,971                  | 37,306         | 1,002,277             | 3.7%                         | 61.2%             | 84.0                  | 59.7%             | 72.0                  | 2017/18    |
| 1,139,469                      | 0.66             | 1,739,648                | 46,022         | 1,785,670             | 2.6%                         | 62.2%             | 96.0                  | 61.2%             | 84.0                  | 2016/17    |
| 895,865                        | 0.67             | 1,345,142                | 63,345         | 1,408,487             | 4.5%                         | 63.9%             | 108.0                 | 62.2%             | 96.0                  | 2015/16    |
| 1,144,252                      | 0.68             | 1,692,680                | 83,650         | 1,776,330             | 4.7%                         | 65.6%             | 120.0                 | 63.9%             | 108.0                 | 2014/15    |
| 484,200                        | 0.69             | 704,803                  | 36,641         | 741,444               | 4.9%                         | 67.3%             | 132.0                 | 65.6%             | 120.0                 | 2013/14    |
| 322,598                        | 0.70             | 462,175                  | 23,777         | 485,952               | 4.9%                         | 68.9%             | 144.0                 | 67.3%             | 132.0                 | 2012/13    |
| 542,252                        | 0.72             | 758,395                  | 30,437         | 788,832               | 3.9%                         | 70.1%             | 156.0                 | 68.9%             | 144.0                 | 2011/12    |
| 3,001,405                      | 0.74             | 4,077,996                | 112,110        | 4,190,106             | 2.7%                         | 70.9%             | 168.0                 | 70.1%             | 156.0                 | 2010/11    |
| 178,742                        | 0.76             | 236,745                  | 9,301          | 246,046               | 3.8%                         | 72.0%             | 180.0                 | 70.9%             | 168.0                 | 2009/10    |
| 1,071,291                      | 0.77             | 1,391,287                | 89,931         | 1,481,218             | 6.1%                         | 73.7%             | 192.0                 | 72.0%             | 180.0                 | 2008/09    |
| 296,527                        | 0.78             | 381,630                  | 41,867         | 423,497               | 9.9%                         | 76.3%             | 204.0                 | 73.7%             | 192.0                 | 2007/08    |
| 128,213                        | 0.78             | 165,010                  | 23,915         | 188,925               | 12.7%                        | 79.3%             | 216.0                 | 76.3%             | 204.0                 | 2006/07    |
| 240,579                        | 0.78             | 308,435                  | 40,450         | 348,885               | 11.6%                        | 81.7%             | 228.0                 | 79.3%             | 216.0                 | 2005/06    |
| 842,278                        | 0.79             | 1,063,482                | 101,890        | 1,165,372             | 8.7%                         | 83.3%             | 240.0                 | 81.7%             | 228.0                 | 2004/05    |
| 206,690                        | 0.80             | 257,397                  | 26,074         | 283,471               | 9.2%                         | 84.8%             | 252.0                 | 83.3%             | 240.0                 | 2003/04    |
| 1,048,010                      | 0.82             | 1,282,754                | 131,160        | 1,413,914             | 9.3%                         | 86.2%             | 264.0                 | 84.8%             | 252.0                 | 2002/03    |
| 2,583,602                      | 0.83             | 3,105,291                | 320,187        | 3,425,478             | 9.3%                         | 87.5%             | 276.0                 | 86.2%             | 264.0                 | 2001/02    |
| 1,466,132                      | 0.85             | 1,726,893                | 179,408        | 1,906,301             | 9.4%                         | 88.7%             | 288.0                 | 87.5%             | 276.0                 | 2000/01    |
| 798,489                        | 0.87             | 918,860                  | 96,109         | 1,014,969             | 9.5%                         | 89.8%             | 300.0                 | 88.7%             | 288.0                 | 1999/00    |
| 814,795                        | 0.89             | 914,472                  | 96,234         | 1,010,706             | 9.5%                         | 90.7%             | 312.0                 | 89.8%             | 300.0                 | 1998/99    |
| 467,847                        | 0.92             | 510,193                  | 53,984         | 564,177               | 9.6%                         | 91.6%             | 324.0                 | 90.7%             | 312.0                 | 1997/98    |
| 406,855                        | 0.95             | 429,625                  | 45,683         | 475,308               | 9.6%                         | 92.4%             | 336.0                 | 91.6%             | 324.0                 | 1996/97    |
| \$1,131,721                    | 0.98             | \$1,153,640              | \$123,214      | \$1,276,854           | 9.6%                         | 93.2%             | 348.0                 | 92.4%             | 336.0                 | to 1995/96 |
| (11)                           | (10)             | (9)                      | (8)            | (7)                   | (6)                          | (5)               | (4)                   | (3)               | (2)                   | (1)        |
| (9)X(10)                       | Factor           | (7)-(8)                  | (6)X(7)        | 9/30/23               | (100.0%-(3))                 | Paid              | 9/30/24               | Paid              | 9/30/23               | Period     |
| Losses<br>9/30/24              | Present<br>Value | Losses<br>9/30/24        | Losses<br>Paid | Outstanding<br>Losses | 9/30/24<br>((5)-(3))/        | Percent<br>Losses | Months of Development | Percent<br>Losses | Months of Development | Claim      |
| Value of Estimated Outstanding |                  | Estimated<br>Outstanding | Projected      | Estimated             | Losses<br>Paid<br>10/1/23 to |                   |                       |                   |                       |            |
| Present                        |                  |                          |                |                       | Percent<br>Outstanding       |                   |                       |                   |                       |            |

<sup>(3)</sup> and (5) are from Exhibit WC-2 (page 1).

<sup>(7)</sup> to 2022/23 is from Exhibit WC-11 (page 1), (9). The amount for 2023/24 is from Exhibit WC-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit WC-2 (page 1).

Projected Losses Paid October 1, 2024 to September 30, 2025

| Total        | 2023/24<br>2024/25     | 2022/23   | 2021/22   | 2020/21   | 2019/20   | 2018/19   | 2017/18 | 2016/17   | 2015/16   | 2014/15   | 2013/14 | 2012/13 | 2011/12 | 2010/11   | 2009/10 | 2008/09   | 2007/08 | 2006/07 | 2005/06 | 2004/05   | 2003/04 | 2002/03   | 2001/02   | 2000/01   | 1999/00 | 1998/99 | 1997/98 | 1996/97 | to 1995/96  | Period<br>(1)       | Claim  |
|--------------|------------------------|-----------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|---------|---------|---------|-----------|---------|-----------|---------|---------|---------|-----------|---------|-----------|-----------|-----------|---------|---------|---------|---------|-------------|---------------------|--|
|              | 12.0<br>0.0            | 24.0      | 36.0      | 48.0      | 60.0      | 72.0      | 84.0    | 96.0      | 108.0     | 120.0     | 132.0   | 144.0   | 156.0   | 168.0     | 180.0   | 192.0     | 204.0   | 216.0   | 228.0   | 240.0     | 252.0   | 264.0     | 276.0     | 288.0     | 300.0   | 312.0   | 324.0   | 336.0   | 348.0       | 9/30/24 (2)         | Months of  |
|              | 25.0%<br>0.0%          | 44.6%     | 50.0%     | 54.2%     | 57.0%     | 59.7%     | 61.2%   | 62.2%     | 63.9%     | 65.6%     | 67.3%   | 68.9%   | 70.1%   | 70.9%     | 72.0%   | 73.7%     | 76.3%   | 79.3%   | 81.7%   | 83.3%     | 84.8%   | 86.2%     | 87.5%     | 88.7%     | 89.8%   | 90.7%   | 91.6%   | 92.4%   | 93.2%       | Paid<br>(3)         | Percent  |
|              | 24.0<br>12.0           | 36.0      | 48.0      | 60.0      | 72.0      | 84.0      | 96.0    | 108.0     | 120.0     | 132.0     | 144.0   | 156.0   | 168.0   | 180.0     | 192.0   | 204.0     | 216.0   | 228.0   | 240.0   | 252.0     | 264.0   | 276.0     | 288.0     | 300.0     | 312.0   | 324.0   | 336.0   | 348.0   | 360.0       | 9/30/25             | Months of  |
|              | 44.6%<br>25.0%         | 50.0%     | 54.2%     | 57.0%     | 59.7%     | 61.2%     | 62.2%   | 63.9%     | 65.6%     | 67.3%     | 68.9%   | 70.1%   | 70.9%   | 72.0%     | 73.7%   | 76.3%     | 79.3%   | 81.7%   | 83.3%   | 84.8%     | 86.2%   | 87.5%     | 88.7%     | 89.8%     | 90.7%   | 91.6%   | 92.4%   | 93.2%   | 100.0%      | Paid<br>(5)         | Percent<br>Losses  |
|              | 26.1%<br>25.0%         | 9.7%      | 8.4%      | 6.1%      | 6.3%      | 3.7%      | 2.6%    | 4.5%      | 4.7%      | 4.9%      | 4.9%    | 3.9%    | 2.7%    | 3.8%      | 6.1%    | 9.9%      | 12.7%   | 11.6%   | 8.7%    | 9.2%      | 9.3%    | 9.3%      | 9.4%      | 9.5%      | 9.5%    | 9.6%    | 9.6%    | 9.6%    | 9.6%        | (100.0%-(3))<br>(6) | Outstanding<br>Losses<br>Paid<br>10/1/24 to<br>9/30/25<br>((5)-(3))/ |
| \$45,773,194 | 4,031,004<br>5,699,839 | 2,807,702 | 2,532,158 | 2,459,390 | 1,430,525 | 1,221,052 | 964,971 | 1,739,648 | 1,345,142 | 1,692,680 | 704,803 | 462,175 | 758,395 | 4,077,996 | 236,745 | 1,391,287 | 381,630 | 165,010 | 308,435 | 1,063,482 | 257,397 | 1,282,754 | 3,105,291 | 1,726,893 | 918,860 | 914,472 | 510,193 | 429,625 | \$1,153,640 | 9/30/24 (7)         | Estimated Outstanding Losses   |
| \$5,047,768  | 1,053,436<br>1,424,960 | 273,675   | 212,701   | 150,356   | 89,824    | 45,449    | 24,870  | 78,238    | 63,345    | 83,650    | 34,486  | 17,833  | 20,292  | 154,151   | 14,374  | 137,542   | 48,308  | 19,132  | 26,967  | 97,819    | 23,877  | 119,902   | 292,248   | 163,523   | 87,489  | 87,503  | 49,036  | 41,458  | \$111,324   | (6)X(7)<br>(8)      | Projected<br>Losses<br>Paid  |
| \$40,725,426 | 2,977,568<br>4,274,879 | 2,534,027 | 2,319,457 | 2,309,034 | 1,340,701 | 1,175,603 | 940,101 | 1,661,410 | 1,281,797 | 1,609,030 | 670,317 | 444,342 | 738,103 | 3,923,845 | 222,371 | 1,253,745 | 333,322 | 145,878 | 281,468 | 965,663   | 233,520 | 1,162,852 | 2,813,043 | 1,563,370 | 831,371 | 826,969 | 461,157 | 388,167 | \$1,042,316 | (7)-(8)<br>(9)      | Estimated Outstanding Losses 9/30/25                                 |
|              | 0.65<br>0.72           | 0.63      | 0.63      | 0.63      | 0.63      | 0.64      | 0.66    | 0.67      | 0.68      | 0.69      | 0.70    | 0.72    | 0.74    | 0.76      | 0.77    | 0.78      | 0.78    | 0.78    | 0.79    | 0.80      | 0.82    | 0.83      | 0.85      | 0.87      | 0.89    | 0.92    | 0.95    | 0.98    | 0.98        | Factor<br>(10)      | Present<br>Value   |
| \$29,830,397 | 1,923,509<br>3,056,538 | 1,606,573 | 1,454,300 | 1,450,073 | 841,960   | 751,210   | 615,766 | 1,106,499 | 866,495   | 1,105,404 | 467,881 | 317,705 | 543,244 | 2,962,503 | 171,226 | 974,160   | 258,991 | 113,785 | 222,923 | 775,427   | 190,786 | 967,493   | 2,388,274 | 1,358,569 | 740,752 | 758,331 | 436,716 | 380,792 | \$1,022,512 | (9)X(10)<br>(11)    | Present Value of Estimated Outstanding Losses 9/30/25                |

<sup>(3)</sup> and (5) are from Exhibit WC-2 (page 1).

<sup>(7)</sup> to 2023/24 is from Exhibit WC-11 (page 2), (9). The amount for 2024/25 is from Exhibit WC-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit WC-2 (page 1).

Projected Losses Paid October 1, 2025 to September 30, 2026

| \$30,349,264 |         | \$41,469,589 | \$5,300,517 | \$46,770,106 |              |         |             |         |             | Total      |
|--------------|---------|--------------|-------------|--------------|--------------|---------|-------------|---------|-------------|------------|
| 3,241,460    | 0.72    | 4,533,510    | 1,511,170   | 6,044,680    | 25.0%        | 25.0%   | 12.0        | 0.0%    | 0.0         | 2025/26    |
| 2,039,881    | 0.65    | 3,157,711    | 1,117,168   | 4,274,879    | 26.1%        | 44.6%   | 24.0        | 25.0%   | 12.0        | 2024/25    |
| 1,703,771    | 0.63    | 2,687,336    | 290,232     | 2,977,568    | 9.7%         | 50.0%   | 36.0        | 44.6%   | 24.0        | 2023/24    |
| 1,455,373    | 0.63    | 2,321,169    | 212,858     | 2,534,027    | 8.4%         | 54.2%   | 48.0        | 50.0%   | 36.0        | 2022/23    |
| 1,367,568    | 0.63    | 2,177,656    | 141,801     | 2,319,457    | 6.1%         | 57.0%   | 60.0        | 54.2%   | 48.0        | 2021/22    |
| 1,359,022    | 0.63    | 2,164,048    | 144,986     | 2,309,034    | 6.3%         | 59.7%   | 72.0        | 57.0%   | 60.0        | 2020/21    |
| 824,821      | 0.64    | 1,290,799    | 49,902      | 1,340,701    | 3.7%         | 61.2%   | 84.0        | 59.7%   | 72.0        | 2019/20    |
| 750,174      | 0.66    | 1,145,304    | 30,299      | 1,175,603    | 2.6%         | 62.2%   | 96.0        | 61.2%   | 84.0        | 2018/19    |
| 597,949      | 0.67    | 897,821      | 42,280      | 940,101      | 4.5%         | 63.9%   | 108.0       | 62.2%   | 96.0        | 2017/18    |
| 1,070,224    | 0.68    | 1,583,172    | 78,238      | 1,661,410    | 4.7%         | 65.6%   | 120.0       | 63.9%   | 108.0       | 2016/17    |
| 837,077      | 0.69    | 1,218,452    | 63,345      | 1,281,797    | 4.9%         | 67.3%   | 132.0       | 65.6%   | 120.0       | 2015/16    |
| 1,068,150    | 0.70    | 1,530,301    | 78,729      | 1,609,030    | 4.9%         | 68.9%   | 144.0       | 67.3%   | 132.0       | 2014/15    |
| 460,784      | 0.72    | 644,453      | 25,864      | 670,317      | 3.9%         | 70.1%   | 156.0       | 68.9%   | 144.0       | 2013/14    |
| 318,285      | 0.74    | 432,453      | 11,889      | 444,342      | 2.7%         | 70.9%   | 168.0       | 70.1%   | 156.0       | 2012/13    |
| 536,203      | 0.76    | 710,202      | 27,901      | 738,103      | 3.8%         | 72.0%   | 180.0       | 70.9%   | 168.0       | 2011/12    |
| 2,837,921    | 0.77    | 3,685,612    | 238,233     | 3,923,845    | 6.1%         | 73.7%   | 192.0       | 72.0%   | 180.0       | 2010/11    |
| 155,701      | 0.78    | 200,388      | 21,983      | 222,371      | 9.9%         | 76.3%   | 204.0       | 73.7%   | 192.0       | 2009/10    |
| 850,848      | 0.78    | 1,095,043    | 158,702     | 1,253,745    | 12.7%        | 79.3%   | 216.0       | 76.3%   | 204.0       | 2008/09    |
| 229,847      | 0.78    | 294,676      | 38,646      | 333,322      | 11.6%        | 81.7%   | 228.0       | 79.3%   | 216.0       | 2007/08    |
| 105,434      | 0.79    | 133,124      | 12,754      | 145,878      | 8.7%         | 83.3%   | 240.0       | 81.7%   | 228.0       | 2006/07    |
| 205,230      | 0.80    | 255,579      | 25,889      | 281,468      | 9.2%         | 84.8%   | 252.0       | 83.3%   | 240.0       | 2005/06    |
| 715,761      | 0.82    | 876,085      | 89,578      | 965,663      | 9.3%         | 86.2%   | 264.0       | 84.8%   | 252.0       | 2004/05    |
| 176,128      | 0.83    | 211,692      | 21,828      | 233,520      | 9.3%         | 87.5%   | 276.0       | 86.2%   | 264.0       | 2003/04    |
| 894,347      | 0.85    | 1,053,412    | 109,440     | 1,162,852    | 9.4%         | 88.7%   | 288.0       | 87.5%   | 276.0       | 2002/03    |
| 2,213,056    | 0.87    | 2,546,670    | 266,373     | 2,813,043    | 9.5%         | 89.8%   | 300.0       | 88.7%   | 288.0       | 2001/02    |
| 1,260,332    | 0.89    | 1,414,514    | 148,856     | 1,563,370    | 9.5%         | 90.7%   | 312.0       | 89.8%   | 300.0       | 2000/01    |
| 689,419      | 0.92    | 751,820      | 79,551      | 831,371      | 9.6%         | 91.6%   | 324.0       | 90.7%   | 312.0       | 1999/00    |
| 707,869      | 0.95    | 747,486      | 79,483      | 826,969      | 9.6%         | 92.4%   | 336.0       | 91.6%   | 324.0       | 1998/99    |
| 408,740      | 0.98    | 416,656      | 44,501      | 461,157      | 9.6%         | 93.2%   | 348.0       | 92.4%   | 336.0       | 1997/98    |
| 344,047      | 0.98    | 350,710      | 37,457      | 388,167      | 9.6%         | 100.0%  | 360.0       | 93.2%   | 348.0       | 1996/97    |
| \$923,842    | 0.98    | \$941,735    | \$100,581   | \$1,042,316  | 9.6%         | 100.0%  | 372.0       | 100.0%  | 360.0       | to 1995/96 |
| (11)         | (10)    | (9)          | (8)         | (7)          | (6)          | (5)     | (4)         | (3)     | (2)         | (1)        |
| (9)X(10)     | Factor  | (7)-(8)      | (6)X(7)     | 9/30/25      | (100.0%-(3)) | Paid    | 9/30/26     | Paid    | 9/30/25     | Period     |
| 9/30/26      | Value   | 9/30/26      | Paid        | Losses       | ((5)-(3))/   | Losses  | Development | Losses  | Development | Claim      |
| Losses       | Present | Losses       | Losses      | Outstanding  | 9/30/26      | Percent | Months of   | Percent | Months of   |            |
| Outstanding  |         | Outstanding  | Projected   | Estimated    | 10/1/25 to   |         |             |         |             |            |
| Estimated    |         | Estimated    |             |              | Paid         |         |             |         |             |            |
| Value of     |         |              |             |              | Losses       |         |             |         |             |            |
|              |         |              |             |              | Percent      |         |             |         |             |            |

<sup>(3)</sup> and (5) are from Exhibit WC-2 (page 1).

<sup>(7)</sup> to 2024/25 is from Exhibit WC-11 (page 3), (9). The amount for 2025/26 is from Exhibit WC-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit WC-2 (page 1).

Projected Losses Paid October 1, 2026 to September 30, 2027

| Total        | 2026/27   | 2025/26   | 2024/25   | 2023/24   | 20/27/22  | 2020/21   | 2020/21   | 2018/19   | 2017/10         | 2016/17   | 2015/16   | 2014/15   | 2013/14 | 2012/13 | 2011/12 | 2010/11   | 2009/10 | 2008/09   | 2007/08 | 2006/07 | 2005/06 | 2004/05 | 2003/04 | 2002/03   | 2001/02   | 2000/01   | 1999/00 | 1998/99 | 1997/98 | 1996/97 | to 1995/96 | (1)  | Period       | Claim       |             |             |           |          |             |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------|-----------|-----------|---------|---------|---------|-----------|---------|-----------|---------|---------|---------|---------|---------|-----------|-----------|-----------|---------|---------|---------|---------|------------|------|--------------|-------------|-------------|-------------|-----------|----------|-------------|
|              | 0.0       | 12.0      | 24.0      | 36.0      | 48.0      | 60.0      | 73.0      | 96.0      | 108.0           | 120.0     | 132.0     | 144.0     | 156.0   | 168.0   | 180.0   | 192.0     | 204.0   | 216.0     | 228.0   | 240.0   | 252.0   | 264.0   | 276.0   | 288.0     | 300.0     | 312.0     | 324.0   | 336.0   | 348.0   | 360.0   | 372.0      | (2)  | 9/30/26      | Development | Months of   |             |           |          |             |
|              | 0.0%      | 25.0%     | 44.6%     | 20.02     | 57.0%     | 57.0%     | 50.7%     | 61 2%     | 63.9%           | 65.6%     | 67.3%     | 68.9%     | 70.1%   | 70.9%   | 72.0%   | 73.7%     | 76.3%   | 79.3%     | 81.7%   | 83.3%   | 84.8%   | 86.2%   | 87.5%   | 88.7%     | 89.8%     | 90.7%     | 91.6%   | 92.4%   | 93.2%   | 100.0%  | 100.0%     | (3)  | Paid         | Losses      | Percent     |             |           |          |             |
|              | 12.0      | 24.0      | 36.0      | 480       | 600       | 72.0      | 840       | 96.0      | 120.0           | 132.0     | 144.0     | 156.0     | 168.0   | 180.0   | 192.0   | 204.0     | 216.0   | 228.0     | 240.0   | 252.0   | 264.0   | 276.0   | 288.0   | 300.0     | 312.0     | 324.0     | 336.0   | 348.0   | 360.0   | 372.0   | 384.0      | (4)  | 9/30/27      | Development | Months of   |             |           |          |             |
|              | 25.0%     | 44.6%     | 50.0%     | 57.0%     | 57.0%     | 50.7%     | 61 20/    | 63.9%     | 63.6%           | 67.3%     | 68.9%     | 70.1%     | 70.9%   | 72.0%   | 73.7%   | 76.3%     | 79.3%   | 81.7%     | 83.3%   | 84.8%   | 86.2%   | 87.5%   | 88.7%   | 89.8%     | 90.7%     | 91.6%     | 92.4%   | 93.2%   | 100.0%  | 100.0%  | 100.0%     | (5)  | Paid         | Losses      | Percent     |             |           |          |             |
|              | 25.0%     | 26.1%     | 9.7%      | 8 4%      | 6.1%      | 6.7%      | 3 7%      | 2.6%      | 4.7%            | 4.9%      | 4.9%      | 3.9%      | 2.7%    | 3.8%    | 6.1%    | 9.9%      | 12.7%   | 11.6%     | 8.7%    | 9.2%    | 9.3%    | 9.3%    | 9.4%    | 9.5%      | 9.5%      | 9.6%      | 9.6%    | 9.6%    | 9.6%    | 9.6%    | 9.6%       | (6)  | (100.0%-(3)) | ((5)-(3))/  | 9/30/27     | 10/1/26 to  | Paid      | Losses   | Outstanding |
| \$47,879,972 | 6,410,383 | 4 533 510 | 3.157.711 | 2 687 336 | 2,177,000 | 2 177 656 | 3 164 048 | 1,143,304 | 1 1 1 1 2 2 2 1 | 1,583,172 | 1,218,452 | 1,530,301 | 644,453 | 432,453 | 710,202 | 3,685,612 | 200,388 | 1,095,043 | 294,676 | 133,124 | 255,579 | 876,085 | 211,692 | 1,053,412 | 2,546,670 | 1,414,514 | 751,820 | 747,486 | 416,656 | 350,710 | \$941,735  | (7)  | 9/30/26      | Losses      | Outstanding | Estimated   |           |          |             |
| \$5,547,851  | 1,602,596 | 1 184 757 | 307.791   | 225.736   | 141 906   | 136,737   | 807.600   | 33,568    | 42,200          | 78,238    | 59,618    | 59,047    | 17,243  | 16,347  | 43,119  | 364,357   | 25,366  | 126,962   | 25,764  | 12,245  | 23,708  | 81,890  | 19,923  | 99,750    | 242,481   | 135,351   | 72,260  | 72,131  | 40,206  | 33,843  | \$90,875   | (8)  | (6)X(7)      | Paid        | Losses      | Projected   |           |          |             |
| \$42,332,121 | 4,807,787 | 3 348 753 | 2.849.920 | 2 461 600 | 2,040,919 | 2,000,000 | 3 083 500 | 1,093,796 | 4 000,04        | 1,504,934 | 1,158,834 | 1,471,254 | 627,210 | 416,106 | 667,083 | 3,321,255 | 175,022 | 968,081   | 268,912 | 120,879 | 231,871 | 794,195 | 191,769 | 953,662   | 2,304,189 | 1,279,163 | 679,560 | 675,355 | 376,450 | 316,867 | \$850,860  | (9)  | (7)-(8)      | 9/30/27     | Losses      | Outstanding | Estimated |          |             |
|              | 0.72      | 0.65      | 0.63      | 0.63      | 0.03      | 0.03      | 0.00      | 0.66      | 0.67            | 0.69      | 0.70      | 0.72      | 0.74    | 0.76    | 0.77    | 0.78      | 0.78    | 0.78      | 0.79    | 0.80    | 0.82    | 0.83    | 0.85    | 0.87      | 0.89      | 0.92      | 0.95    | 0.98    | 0.98    | 0.98    | 0.98       | (10) | Factor       | Value       | Present     |             |           |          |             |
| \$30,917,841 | 3,437,568 | 2 163 294 | 1,806,849 | 1 5/3 /23 | 1 368 577 | 1 281 697 | 1 331 357 | 20,400    | 720,340         | 1,033,890 | 808,866   | 1,051,947 | 461,627 | 314,160 | 513,654 | 2,580,615 | 135,992 | 755,103   | 212,978 | 97,066  | 189,439 | 660,770 | 162,812 | 828,732   | 2,053,032 | 1,172,992 | 643,543 | 662,523 | 369,297 | 310,847 | \$834,694  | (11) | (9)X(10)     | 9/30/27     | Losses      | Outstanding | Estimated | Value of | Present     |

<sup>(3)</sup> and (5) are from Exhibit WC-2 (page 1).

<sup>(7)</sup> to 2025/26 is from Exhibit WC-11 (page 4), (9). The amount for 2026/27 is from Exhibit WC-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit WC-2 (page 1).

# Loss Rate and Severity Trend

|         |             |          |           | Loss Rate   |          | Severity |
|---------|-------------|----------|-----------|-------------|----------|----------|
|         | Legislative | Residual | Retention | Trend       | Exposure | Trend    |
|         | Trend       | Trend    | Index     | (2022/23    | Trend    | (2022/23 |
| Claim   | (2022/23    | (2022/23 | (2022/23  | = 1.000)    | (2022/23 | = 1.000) |
| Period  | = 1.000)    | = 1.000) | = 1.000)  | (2)X(3)X(4) | = 1.000) | (5)X(6)  |
| (1)     | (2)         | (3)      | (4)       | (5)         | (6)      | (7)      |
|         |             |          |           |             |          |          |
| 2017/18 | 1.000       | 1.051    | 0.950     | 0.998       | 1.104    | 1.102    |
| 2018/19 | 1.000       | 1.041    | 1.000     | 1.041       | 1.082    | 1.126    |
| 2019/20 | 1.000       | 1.030    | 1.000     | 1.030       | 1.061    | 1.093    |
| 2020/21 | 1.000       | 1.020    | 1.000     | 1.020       | 1.040    | 1.061    |
| 2021/22 | 1.000       | 1.010    | 1.000     | 1.010       | 1.020    | 1.030    |
| 0000/00 |             |          |           |             |          |          |
| 2022/23 | 1.000       | 1.000    | 1.000     | 1.000       | 1.000    | 1.000    |
| 2023/24 | 1.000       | 0.990    | 1.000     | 0.990       | 0.980    | 0.971    |
| 2024/25 | 1.000       | 0.980    | 1.000     | 0.980       | 0.961    | 0.942    |
| 2025/26 | 1.000       | 0.971    | 1.000     | 0.971       | 0.942    | 0.915    |
| 2026/27 | 1.000       | 0.961    | 1.000     | 0.961       | 0.924    | 0.888    |
|         |             |          |           |             |          |          |

<sup>(2)</sup> is based on industry statistics and actuarial judgment.

<sup>(3)</sup> is based on 1% trend per actuarial judgment.

<sup>(4)</sup> is based on industry statistics and actuarial judgment.

<sup>(6)</sup> is based on 2% trend.

# List of Large Claims

| Claim<br>Number<br>(1)                   | Date of<br>Loss<br>(2)  | Claim<br>Period<br>(3)   | Specific<br>Self-Insured<br>Retention<br>(4) | Limited<br>Paid<br>Losses<br>9/30/22<br>(5) | Limited<br>Case<br>Reserves<br>9/30/22<br>(6) | Limited<br>Reported<br>Incurred<br>Losses<br>9/30/22<br>(7) |
|--|-------------------------|--------------------------|--|---|---|---|
| 0606-WC-58-0500001                       | 9/15/1958               | to 1995/96               | \$250,000                                    | \$250,000 *                                 | \$0   | \$250,000 *   |
| 0606-WC-77-0500001                       | 6/20/1977               | to 1995/96               | 250,000                                      | 250,000 *                                   | 0   | 250,000 *   |
| 0606-WC-87-0500017                       | 4/6/1987                | to 1995/96               | 250,000                                      | 153,135                                     | 0   | 153,135   |
| 0606-WC-88-0500017<br>0606-WC-88-0500460 | 11/25/1987<br>3/30/1988 | to 1995/96<br>to 1995/96 | 250,000<br>250,000                           | 250,000 *<br>135,355                        | 0   | 250,000 *<br>135,355  |
| 0606-WC-88-0500336                       | 4/7/1988                | to 1995/96               | 250,000                                      | 250,000 *                                   | 0   | 250,000 *   |
| 0606-WC-88-0500203                       | 6/29/1988               | to 1995/96               | 250,000                                      | 244,595 *                                   | 0   | 244,595 *   |
| 0606-WC-89-0500100                       | 12/11/1988              | to 1995/96               | 250,000                                      | 242,993 *                                   | 7,007 *                                       | 250,000 *   |
| 0606-WC-89-0500003<br>0606-WC-89-0500326 | 2/19/1989<br>2/19/1989  | to 1995/96<br>to 1995/96 | 250,000<br>250,000                           | 250,000 *<br>250,000 *                      | 0<br>0  | 250,000 *<br>250,000 *                                      |
| 0606-WC-89-0500390                       | 9/21/1989               | to 1995/96               | 250,000                                      | 178,109                                     | 0   | 178,109   |
| 0606-WC-90-0500329                       | 2/8/1990                | to 1995/96               | 250,000                                      | 108,080                                     | 0   | 108,080   |
| 0606-WC-90-0500122<br>0606-WC-90-0500382 | 6/19/1990               | to 1995/96               | 250,000                                      | 190,659                                     | 0   | 190,659   |
| 0606-WC-90-0500026                       | 6/28/1990<br>8/23/1990  | to 1995/96<br>to 1995/96 | 250,000<br>250,000                           | 250,000 *<br>149,878                        | 0   | 250,000 *<br>149,878  |
| 0606-WC-91-0500150                       | 3/9/1991                | to 1995/96               | 350,000                                      | 140,589                                     | 0   | 140,589   |
| 0606-WC-91-0500460                       | 5/13/1991               | to 1995/96               | 350,000                                      | 348,293 *                                   | 0   | 348,293 *   |
| 0606-WC-91-0500095<br>0606-WC-91-0500268 | 9/9/1991<br>9/20/1991   | to 1995/96<br>to 1995/96 | 350,000<br>350,000                           | 235,345<br>350,000 *                        | 53,428<br>0                                   | 288,773<br>350,000 *  |
| 0606-WC-92-0500075                       | 10/3/1991               | to 1995/96               | 500,000                                      | 242,438                                     | 13,613  | 256,051   |
| 0606-WC-92-0500005                       | 10/23/1991              | to 1995/96               | 500,000                                      | 140,793                                     | 0   | 140,793   |
| 0606-WC-92-0500040                       | 11/18/1991              | to 1995/96               | 500,000                                      | 500,000 *                                   | 0   | 500,000 *   |
| 0606-WC-92-0500003<br>0606-WC-92-0500143 | 12/11/1991<br>1/3/1992  | to 1995/96<br>to 1995/96 | 500,000<br>500,000                           | 329,369<br>161,991                          | 0   | 329,369<br>161,991  |
| 0606-WC-92-0500108                       | 2/18/1992               | to 1995/96               | 500,000                                      | 152,221                                     | 21,356  | 173,577   |
| 0606-WC-92-0500335                       | 2/19/1992               | to 1995/96               | 500,000                                      | 142,051                                     | 17,159  | 159,210   |
| 0606-WC-92-0500156<br>0606-WC-92-0500081 | 2/24/1992<br>6/19/1992  | to 1995/96<br>to 1995/96 | 500,000<br>500,000                           | 132,751<br>188,208                          | 41,010<br>30,066                              | 173,761<br>218,274  |
| 0606-WC-92-0500278                       | 9/2/1992                | to 1995/96               | 500,000                                      | 500,000 *                                   | 0   | 500,000 *   |
| 0606-WC-93-0500006                       | 10/26/1992              | to 1995/96               | 500,000                                      | 247,546                                     | 20,243  | 267,789   |
| 0606-WC-93-0500293                       | 12/27/1992              | to 1995/96               | 500,000                                      | 500,000 *                                   | 0   | 500,000 *   |
| 0606-WC-93-0500509<br>0606-WC-93-0500464 | 4/5/1993<br>5/16/1993   | to 1995/96<br>to 1995/96 | 500,000<br>500,000                           | 500,000 *<br>170,201                        | 0   | 500,000 *<br>170,201  |
| 0606-WC-93-0500547                       | 8/4/1993                | to 1995/96               | 500,000                                      | 353,789                                     | 40,510  | 394,299   |
| 0606-WC-94-0500327                       | 12/6/1993               | to 1995/96               | 550,000                                      | 421,022                                     | 18,071  | 439,093   |
| 0606-WC-94-0500437<br>0606-WC-94-0500343 | 4/21/1994<br>5/16/1994  | to 1995/96<br>to 1995/96 | 550,000<br>550,000                           | 550,000 *<br>550,000 *                      | 0<br>0  | 550,000 *<br>550,000 *                                      |
| 0606-WC-94-0500576                       | 9/7/1994                | to 1995/96               | 550,000                                      | 460,370                                     | 0   | 460,370   |
| 0606-WC-95-0500412                       | 12/15/1994              | to 1995/96               | 550,000                                      | 124,949                                     | 25,014  | 149,963   |
| 0606-WC-95-0500402<br>0606-WC-95-0500475 | 12/30/1994<br>1/1/1995  | to 1995/96<br>to 1995/96 | 550,000<br>550,000                           | 161,549<br>234,579                          | 28,807<br>0                                   | 190,356<br>234,579  |
| 0606-WC-95-0500015                       | 8/31/1995               | to 1995/96               | 550,000                                      | 550,000 *                                   | 0   | 550,000 *   |
| 0606-WC-95-0500017                       | 9/4/1995                | to 1995/96               | 550,000                                      | 162,638                                     | 0   | 162,638   |
| 0606-WC-96-0500240                       | 1/16/1996               | to 1995/96               | 500,000                                      | 162,532                                     | 0   | 162,532   |
| 0606-WC-96-0500594<br>0606-WC-96-0500489 | 3/14/1996<br>4/17/1996  | to 1995/96<br>to 1995/96 | 500,000<br>500,000                           | 96,088<br>274,974                           | 0   | 96,088<br>274,974   |
| 0606-WC-96-0500176                       | 7/17/1996               | to 1995/96               | 500,000                                      | 500,000 *                                   | 0   | 500,000 *   |
| 0606-WC-96-0500195                       | 7/24/1996               | to 1995/96               | 500,000                                      | 499,710 *                                   | 0   | 499,710 *   |
| 0606-WC-96-0500075<br>0606-WC-96-0500087 | 8/8/1996<br>8/16/1996   | to 1995/96<br>to 1995/96 | 500,000<br>500,000                           | 174,891<br>399,796                          | 29,442<br>38,286                              | 204,333<br>438,082  |
| 0606-WC-96-0500662                       | 9/9/1996                | to 1995/96               | 500,000                                      | 500,000 *                                   | 0   | 500,000 *   |
| 0606-WC-97-0500322                       | 10/23/1996              | 1996/97                  | 500,000                                      | 218,529                                     | 67,513  | 286,042   |
| 0606-WC-97-0500563<br>0606-WC-97-0500447 | 2/13/1997               | 1996/97                  | 500,000                                      | 210,214                                     | 101,741                                       | 311,955   |
| 0606-WC-97-0500577                       | 2/20/1997<br>2/26/1997  | 1996/97<br>1996/97       | 500,000<br>500,000                           | 500,000 *<br>127,866                        | 0<br>27,632                                   | 500,000 *<br>155,498  |
| 0606-WC-97-0500450                       | 3/8/1997                | 1996/97                  | 500,000                                      | 216,019                                     | 30,789  | 246,808   |
| 0606-WC-97-0500141                       | 3/17/1997               | 1996/97                  | 500,000                                      | 159,883                                     | 1,507   | 161,390   |
| 0606-WC-97-0500468<br>0606-WC-97-0500155 | 3/23/1997<br>5/7/1997   | 1996/97<br>1996/97       | 500,000<br>500,000                           | 125,342<br>500,000 *                        | 9,494<br>0                                    | 134,836<br>500,000 *  |
| 0606-WC-97-0500399                       | 8/22/1997               | 1996/97                  | 500,000                                      | 500,000 *                                   | 0   | 500,000 *   |
| 0606-WC-18-0000209                       | 6/10/2018               | 2017/18                  | 1,000,000                                    | 202,397                                     | 162,586                                       | 364,983   |
| 0606-WC-19-0000048                       | 11/17/2018              | 2018/19                  | 1,000,000                                    | 141,053<br>154,828                          | 0<br>0  | 141,053<br>154,828  |
| 0606-WC-19-000056<br>0606-WC-19-0000268  | 11/28/2018<br>6/17/2019 | 2018/19<br>2018/19       | 1,000,000<br>1,000,000                       | 154,828<br>175,672                          | 0   | 154,828<br>175,672  |
| 0606-WC-20-0000075                       | 1/11/2020               | 2019/20                  | 1,000,000                                    | 219,497                                     | 87,517  | 307,014   |
| 0606-WC-20-0000158                       | 4/1/2020                | 2019/20                  | 1,000,000                                    | 268,463                                     | 0   | 268,463   |
| 0606-WC-21-0000108<br>0606-WC-21-0000193 | 12/27/2020<br>3/16/2021 | 2020/21<br>2020/21       | 1,000,000<br>1,000,000                       | 309,370<br>207,082                          | 0<br>0  | 309,370<br>207,082  |
| 0606-WC-21-0000300                       | 6/17/2021               | 2020/21                  | 1,000,000                                    | 143,601                                     | 0   | 143,601   |
| 0606-WC-21-0000313                       | 6/30/2021               | 2020/21                  | 1,000,000                                    | 216,695                                     | 0   | 216,695   |
| 0606-WC-21-0000368                       | 7/1/2021                | 2020/21                  | 1,500,000                                    | 1,029,448 *                                 | 383,102 *                                     | 1,412,550 *   |

The claim(s) indicated by a "\*" have been limited in development.

<sup>(1)</sup> through (7) were provided by the City.

City of Miami Beach, Florida Law Enforcement Liability

Data Summary as of September 30, 2022

| Total        | 2021/22  | 2020/21  | 2019/20  | 2018/19   | 2017/18  | 2016/17  | 2015/16  | 2014/15  | 2013/14  | 2012/13   | 2011/12  | 2010/11  | 2009/10  | 2008/09   | 2007/08  | 2006/07      | 2005/06      | 2004/05      | 2003/04      | 2002/03                                 | 2001/02      | 2000/01      | 1999/00      | 1998/99      | 1997/98      | 1996/97      | 1995/96      | Claim<br>Period<br>(1)                       |  |
|--------------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|-----------|----------|--------------|--------------|--------------|--------------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|
|              | Tort cap | Tort cap | Tort cap | Tort cap  | Tort cap | Tort cap | Tort cap | Tort cap | Tort cap | Tort cap  | Tort cap | Tort cap | Tort cap | Tort cap  | Tort cap | Tort cap     | Tort cap     | Tort cap     | Tort cap     | Tort cap                                | Tort cap     | Tort cap     | Tort cap     | Tort cap     | Tort cap     | Tort cap     | Tort cap     | Specific<br>Self-Insured<br>Retention<br>(2) |  |
|              | None     | None     | None     | None      | None     | None     | None     | None     | None     | None      | None     | None     | None     | None      | None     | None         | None         | None         | None         | None                                    | None         | None         | None         | None         | None         | None         | None         | Aggregate<br>Retention<br>(3)                |  |
|              | 12.0     | 24.0     | 36.0     | 48.0      | 60.0     | 72.0     | 84.0     | 96.0     | 108.0    | 120.0     | 132.0    | 144.0    | 156.0    | 168.0     | 180.0    | 192.0        | 204.0        | 216.0        | 228.0        | 240.0                                   | 252.0        | 264.0        | 276.0        | 288.0        | 300.0        | 312.0        | 324.0        | Months of<br>Development<br>9/30/22<br>(4)   |  |
|              | 409      | 416      | 421      | 420       | 401      | 411      | 391      | 383      | 363      | 367       | 375      | 361      | 352      | 353       | 360      | Not Provided                            | Not Provided | Not Provided | Not Provided | Not Provided | Not Provided | Not Provided | Not Provided | Patrol Positions                             |  |
| 449          | 2        | 7        | 2        | 4         | 51       | 4        | 9        | 3        | 10       | 16        | 13       | 20       | 19       | 22        | 26       | 14           | 24           | 13           | 27           | ======================================= | 17           | 29           | 25           | 27           | 17           | 29           | 54           | Reported<br>Claims<br>9/30/22<br>(6)         |  |
| 23           | 2        | 7        | 2        | 4         | 4        | _        | 3        | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0            | 0            | 0            | 0            | 0                                       | 0            | 0            | 0            | 0            | 0            | 0            | 0            | Reported<br>Open<br>Claims<br>9/30/22<br>(7) |  |
| \$14,458,416 | 0        | 36,830   | 232,106  | 215,299   | 330,059  | 298,728  | 159,759  | 190      | 360,175  | 1,314,217 | 25,522   | 923,607  | 709,439  | 1,169,286 | 504,212  | 307,542      | 987,753      | 564,514      | 1,201,642    | 84,657                                  | 159,254      | 666,271      | 296,501      | 174,329      | 213,570      | 253,791      | \$3,269,163  | Limited Paid Losses 9/30/22 (8)              |  |
| \$2,122,305  | 157,500  | 260,438  | 65,738   | 859,673   | 337,653  | 100,395  | 340,908  | 0        | 0        | 0         | 0        | 0        | 0        | 0         | 0        | 0            | 0            | 0            | 0            | 0                                       | 0            | 0            | 0            | 0            | 0            | 0            | \$0          | Limited Case Reserves 9/30/22 (9)            |  |
| \$16,530,722 | 157,500  | 297,268  | 297,844  | 1,074,972 | 617,712  | 399,123  | 500,668  | 190      | 360,175  | 1,314,217 | 25,522   | 923,607  | 709,439  | 1,169,286 | 504,212  | 307,542      | 987,753      | 564,514      | 1,201,642    | 84,657                                  | 159,254      | 666,271      | 296,501      | 174,329      | 213,570      | 253,791      | \$3,269,163  | Reported Incurred Losses 9/30/22 (10)        |  |

Summary of Percent Losses Paid, Losses Reported and Claims Reported

| Months of<br>Development<br>(1) | Percent<br>Losses<br>Paid<br>(2) | Percent<br>Losses<br>Reported<br>(3) | Percent<br>Claims<br>Reported<br>(4) |
|---------------------------------|----------------------------------|--------------------------------------|--------------------------------------|
| 360.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 348.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 336.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 324.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 312.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 300.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 288.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 276.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 264.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 252.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 240.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 228.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 216.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 204.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 192.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 180.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 168.0                           | 100.0%                           | 100.0%                               | 97.3%                                |
| 156.0                           | 100.0%                           | 100.0%                               | 97.3%                                |
| 144.0                           | 100.0%                           | 100.0%                               | 97.3%                                |
| 132.0                           | 100.0%                           | 100.0%                               | 97.3%                                |
| 120.0                           | 99.5%                            | 100.0%                               | 97.3%                                |
| 108.0                           | 98.5%                            | 100.0%                               | 97.3%                                |
| 96.0                            | 97.1%                            | 100.0%                               | 97.3%                                |
| 84.0                            | 94.7%                            | 97.6%                                | 97.3%                                |
| 72.0                            | 86.1%                            | 88.7%                                | 94.9%                                |
| 60.0                            | 66.2%                            | 77.1%                                | 90.3%                                |
| 48.0                            | 47.3%                            | 61.7%                                | 84.0%                                |
| 36.0                            | 27.0%                            | 41.1%                                | 76.4%                                |
| 24.0                            | 4.9%                             | 18.3%                                | 63.7%                                |
| 12.0                            | 2.0%                             | 7.3%                                 | 36.4%                                |

<sup>(2)</sup> is from Exhibit LE-2 (page 2).

<sup>(3)</sup> is from Exhibit LE-2 (page 3).

<sup>(4)</sup> is from Exhibit LE-2 (page 4).

Exhibit LE-2 (page 2)

Historical Unlimited and Gross of Recoveries Paid Losses (\$000) and Unlimited and Gross of Recoveries Paid Loss Development

| Selected Cumulative Percent Losses Paid | Previous | All Wtd 3 Last 3 Last 5 x-hi.low   | 2002/03<br>2003/04<br>2004/05<br>2005/06<br>2005/06<br>2006/07<br>2008/09<br>2008/09<br>2008/09<br>2011/12<br>2011/12<br>2012/14<br>2013/14<br>2013/14<br>2013/14<br>2013/14<br>2016/17<br>2016/17<br>2018/19<br>2018/19<br>2018/20<br>2018/20<br>2018/20  | Claim<br>Period                     | 2002/03 \$ \$12 2003/04 17 30 2003/05 2 4 2003/06 3 10 2006/07 2006/07 2006/07 107 4 2006/07 2006/07 107 4 15 2011/1/2 1 1 22 2012/13 5 2013/14 5 2015/16 2015/16 12 20 | Historical Unlimited and Gross of Recoveries Paid Losses (\$000)     Claim     Period 12 24 36 |
|---|----------|------------------------------------|--|-------------------------------------|--|--|
|   | 2.       | ω                                  | 1. 5.2.5.3.0.3. 13.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1   | 12-24                               | oss of Recoverie   | ed and Gross of F  |
| 2.500<br>50.890<br>2.0%                 | 2.500    | 3.137                              | 1.802<br>1.802<br>1.802<br>1.802<br>1.802<br>1.802<br>1.802<br>1.802<br>1.802<br>1.802<br>1.802<br>1.806<br>0.887<br>0.887<br>5.000<br>5.000<br>5.094<br>1.000   | 24                                  | \$9<br>17<br>2<br>2<br>3<br>107<br>6<br>6<br>6<br>7<br>117<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1  | Recoverie<br>2   |
| 5.500<br>20.356<br>4.9%                 | 5.500    | 10.393<br>3.520<br>4.083<br>4.083  |  | 24-36                               | SS Developm  | s Paid Losse   |
| 1.750<br>3.701<br>27.0%                 | 1.750    | 14.090<br>4.023<br>66.544<br>1.940 | 1.805<br>1.718<br>1.718<br>1.719<br>2.2047<br>1.047<br>1.082<br>2.047<br>1.582<br>1.583<br>4.021<br>1.584<br>4.021<br>1.020<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000 | 36-48                               | 512<br>913<br>93<br>93<br>94<br>103<br>103<br>104<br>107<br>107<br>107<br>107<br>107<br>107<br>107<br>107  | s (\$000)<br>36  |
| 1.400<br>2.115<br>47.3%                 | 1.400    | 3.237<br>1.602<br>1.531<br>1.240   | 1,000<br>3,661<br>3,38<br>1,855<br>14,155<br>13,114<br>1,380<br>1,827<br>1,827<br>1,833<br>1,857<br>1,058<br>1,058<br>1,033<br>1,333<br>1,333<br>1,333<br>1,333  | 48-60                               | \$22<br>160<br>71<br>73<br>17<br>25<br>586<br>586<br>370<br>370<br>377<br>242<br>242<br>245<br>245<br>245<br>245<br>245<br>245<br>245<br>245   | 48   |
| 1.300<br>1.511<br>66.2%                 | 1.300    | 1.488<br>1.324<br>1.425<br>1.393   | 1.021<br>2.102<br>1.157<br>2.702<br>1.157<br>2.783<br>1.233<br>1.530<br>1.111<br>1.120<br>1.515<br>1.227<br>1.763<br>1.400<br>1.016<br>2.258   | 60-72                               | \$22<br>588<br>588<br>237<br>136<br>602<br>501<br>33<br>607<br>245<br>245<br>245<br>245<br>245<br>245<br>245<br>245<br>245<br>245  | 60   |
| 1.100<br>1.162<br>86.1%                 | 1.030    | 1.000<br>0.693<br>0.701<br>1.001   | 1.083<br>1.145<br>1.149<br>1.093<br>1.098<br>1.098<br>1.020<br>1.000<br>1.000<br>1.000<br>1.000<br>1.001   | 72-84                               | 253<br>1,235<br>2,24<br>374<br>378<br>899<br>899<br>899<br>772<br>775<br>41<br>1,071<br>1,071<br>145<br>246<br>246<br>247<br>249   | 72   |
| 1.025<br>1.056<br>94.7%                 | 1.025    | 1.053<br>1.001<br>1.001<br>1.000   | 1.000<br>1.000<br>1.1457<br>1.457<br>0.953<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000  | 84-96                               | \$23<br>1,338<br>314<br>576<br>923<br>781<br>7781<br>779<br>410<br>1,073<br>359<br>0<br>160  | 84   |
| 1.015<br>1.030<br>97.1%                 | 1.015    | 1.034<br>1.164<br>1.075<br>1.001   | 1.000<br>1.000<br>1.152<br>1.152<br>0.988<br>1.000<br>1.002<br>1.001<br>1.000<br>1.225<br>1.000  | 96-108                              | \$23<br>1,338<br>367<br>837<br>837<br>837<br>796<br>1,007<br>796<br>779<br>41<br>1,073<br>360<br>0   | 96   |
| 1.010<br>1.015<br>98.5%                 | 1.010    | 0.971<br>0.993<br>0.877<br>1.000   | 1.000<br>1.000<br>1.000<br>1.024<br>1.020<br>1.020<br>1.020<br>1.020<br>1.020<br>1.020<br>1.020<br>1.020   | 108-120                             | \$23<br>1,338<br>378<br>965<br>289<br>490<br>1,009<br>1,009<br>797<br>759<br>41<br>1,314   | 108  |
| 1.005<br>1.005<br>99.5%                 | 1.005    | 1.047<br>1.104<br>1.072<br>1.005   | 1.000<br>1.238<br>1.000<br>1.238<br>1.000<br>1.000<br>1.000<br>1.016<br>1.016<br>1.021<br>1.021<br>1.021   | Months<br>120-132                   | \$23<br>1,338<br>378<br>988<br>989<br>1033<br>797<br>779<br>779<br>779<br>1,314  | Months<br>120  |
| 1.000<br>1.000<br>100.0%                | 1.000    | 0.988<br>0.968<br>0.963<br>1.000   | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   | Months of Developme<br>-132 132-144 | \$23<br>1,338<br>988<br>988<br>989<br>1,050<br>1,050<br>797<br>797<br>26   | Months of Developmer<br>20 132   |
| 1.000<br>1.000<br>100.0%                | 1.000    | 1.015<br>1.053<br>1.038<br>1.000   | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.100<br>1.114   | nt:<br>144-156                      | \$23<br>1,338<br>448<br>988<br>289<br>490<br>1,050<br>709<br>924   | nt:<br>144   |
| 1.000<br>1.000<br>100.0%                | 1.000    | 1.004<br>1.007<br>1.010<br>1.000   | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.029  | 156-168                             | 223<br>1,338<br>468<br>986<br>289<br>490<br>1,169<br>709   | 156  |
| 1.000<br>1.000<br>100.0%                | 1.000    | 1.011<br>1.010<br>1.021<br>1.000   | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.064<br>1.000  | 168-180                             | 2.33<br>1,338<br>468<br>986<br>289<br>504<br>1,169   | 168  |
| 1.000<br>1.000<br>100.0%                | 1.000    | 1.000<br>1.000<br>1.000<br>1.000   | 1.000<br>1.000<br>1.000<br>1.000<br>1.000  | 180-192                             | 1,338<br>4,88<br>988<br>504  | 180  |
| 1.000<br>1.000<br>100.0%                | 1.000    | 1.052<br>1.035<br>1.069            | 1,000<br>1,000<br>1,206<br>1,000   | 192-204                             | \$23<br>1,338<br>468<br>988<br>308   | 192  |
| 1.000<br>1.000<br>100.0%                | 1.000    | 0.966<br>0.929<br>0.966            | 1,000<br>0,898<br>1,000  | 204-216                             | \$23<br>1,338<br>565<br>988  | 204  |
| 1.000<br>1.000<br>100.0%                | 1.000    | 2.340                              | 1.000  | 216-228                             | \$23<br>1,202<br>565   | 216  |
| 1.000<br>1.000<br>100.0%                | 1.000    | 1.000                              | 1.000  | 228-240                             |  |  |
| 1.000<br>1.000<br>100.0%                | 1.000    |                                    |  | 240-Ult                             | &85  | 240  |

Section I was provided by the City and previous actuarial studies. Shaded area is the old database.

Exhibit LE-2 (page 3)

Historical Unlimited and Gross of Recoveries Reported Incurred Losses (\$000) and Unlimited and Gross of Recoveries Reported Incurred Loss Development

I. Historical Unlimited and Gross of Recoveries Reported Incurred Losses (\$000)

| Percent   |          | All<br>Wtd 3<br>Wtd 3<br>Last 3<br>Last 5<br>x-hi,low |   |                                     | II. Unlimi   |
|---|----------|---|---|-------------------------------------|--|
| Selected<br>Cumulative<br>Percent Losses Reported | Previous | Average   | 2002/03<br>2003/04<br>2004/05<br>2006/06<br>2006/06<br>2006/07<br>2007/08<br>2008/09<br>2008/10<br>2011/12<br>2011/12<br>2012/13<br>2013/14<br>2014/15<br>2016/17<br>2016/17<br>2017/18<br>2018/19<br>2018/19<br>2018/19<br>2018/19   | Claim<br>Period                     | Claim<br>Period         12         24         36           2002/03<br>2003/04<br>2003/04<br>2005/06<br>2005/06<br>2005/06<br>2005/06<br>2005/06<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>2006/07<br>20 |
| rted  |          |   |   |                                     | of Recov   |
| 2.500<br>13.680<br>7.3%                           | 2.500    | 3.446<br>5.156  | 1.753<br>1.341<br>7.817<br>0.321<br>2.377<br>1.330<br>4.476<br>1.426<br>1.426<br>1.962<br>7.257<br>7.500<br>1.660<br>1.000<br>1.664<br>1.000  | 12-24                               | \$31<br>\$31<br>251<br>251<br>10<br>31<br>142<br>76<br>76<br>77<br>147<br>148<br>286<br>147<br>147<br>147<br>148<br>148<br>144<br>144<br>144<br>15<br>15<br>15<br>15<br>15<br>16<br>17<br>17<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10   |
| 2.250<br>5.472<br>18.3%                           | 2.000    | 1.710<br>2.874<br>2.302<br>2.360                      | 1.000<br>1.048<br>1.325<br>1.325<br>1.316<br>1.316<br>1.201<br>1.201<br>1.292<br>1.292<br>1.797<br>1.488<br>2.087<br>1.244<br>3.376<br>2.611<br>1.068   | 24-36                               | \$55<br>337<br>80<br>135<br>146<br>1181<br>196<br>208<br>421<br>196<br>208<br>421<br>144<br>408<br>421<br>112<br>58<br>112<br>55<br>112<br>55<br>112<br>55<br>112<br>55<br>112<br>57<br>127<br>127<br>127<br>127<br>127<br>127<br>127<br>127<br>127<br>12  |
| 1.500<br>2.432<br>41.1%                           | 1.250    | 7.152<br>4.460<br>34.532<br>1.352                     | 1,000<br>1,149<br>1,569<br>1,433<br>1,433<br>1,094<br>1,373<br>1,273<br>1,373<br>1,373<br>1,373<br>1,373<br>1,179<br>1,438<br>1,566<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096<br>1,096 | 36-48                               | \$55<br>\$55<br>363<br>106<br>170<br>618<br>618<br>618<br>618<br>266<br>246<br>246<br>144<br>144<br>144<br>144<br>144<br>144<br>144<br>144<br>144<br>1   |
| 1.250<br>1.621<br>61.7%                           | 1.150    | 1.547<br>1.604<br>1.508<br>1.059                      | 0.590 1.1876 1.896 1.062 4.492 2.082 1.105 1.105 1.106 0.355 2.125 0.981 1.000 1.1090 1.104 2.348   | 48-60                               | 48<br>\$55<br>167<br>243<br>86<br>238<br>849<br>446<br>746<br>746<br>746<br>746<br>746<br>746<br>746<br>746<br>747<br>93<br>443<br>443<br>442<br>245<br>163<br>222<br>263<br>1,075   |
| 1.150<br>1.297<br>77.1%                           | 1.100    | 1.287<br>1.235<br>1.212<br>1.121                      | 1.015<br>1.118<br>2.181<br>1.095<br>1.350<br>1.350<br>1.347<br>1.233<br>1.048<br>1.227<br>1.227<br>1.280<br>1.080<br>1.080<br>1.080   | 60-72                               | \$32<br>761<br>316<br>316<br>496<br>498<br>7717<br>811<br>33<br>941<br>405<br>172<br>245<br>172<br>233<br>618  |
| 1.100<br>1.128<br>88.7%                           | 1.020    | 1.088<br>1.034<br>1.334<br>0.911                      | 1,000<br>0,948<br>1,113<br>1,255<br>1,032<br>0,988<br>1,062<br>0,036<br>1,000<br>1,000<br>1,000<br>0,849<br>0,001<br>3,158  | 72-84                               | 72<br>\$33<br>1,461<br>3,563<br>423<br>670<br>1,048<br>884<br>884<br>880<br>41<br>1,206<br>438<br>159<br>399   |
| 1.025<br>1.025<br>97.6%                           | 1.000    | 1.034<br>0.993<br>0.991<br>1.000                      | 1.000<br>1.000<br>1.133<br>1.256<br>0.967<br>1.106<br>0.964<br>1.000<br>1.000<br>1.000<br>1.000   | 84-96                               | \$33<br>1,386<br>3,93<br>707<br>447<br>662<br>1,112<br>882<br>882<br>887<br>810<br>41<br>1,073<br>370<br>0<br>0<br>501   |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 1.005<br>1.164<br>1.075<br>1.000                      | 1.000<br>0.983<br>1.003<br>1.213<br>0.994<br>0.669<br>0.986<br>1.001<br>1.025<br>1.225  | 96-108                              | \$33<br>1,386<br>4,48<br>6,487<br>7,422<br>7,072<br>1,072<br>8,58<br>8,58<br>8,50<br>4,1<br>1,073<br>3,60<br>0   |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.934<br>0.971<br>0.857<br>0.969                      | 1.000<br>1.000<br>1.000<br>1.018<br>0.688<br>1.000<br>1.029<br>0.942<br>0.942<br>0.630  | 108-120                             | 108<br>\$33<br>1,362<br>440<br>490<br>1,057<br>889<br>843<br>841<br>1,314<br>360   |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 1.021<br>1.079<br>1.054<br>1.001                      | 1.000<br>1.125<br>0.915<br>1.000<br>1.000<br>1.000<br>1.003<br>1.163<br>1.163   | Months<br>120-132                   | Months<br>120<br>\$33<br>1,362<br>447<br>1,096<br>289<br>490<br>1,088<br>829<br>794<br>829<br>794  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.976<br>0.956<br>0.951<br>0.999                      | 1.000<br>0.930<br>1.000<br>1.000<br>1.000<br>0.996<br>0.856   | Months of Developme<br>-132 132-144 | Months of Developme 20 132 20 33 33 33 1,362 1,362 1,096 1,093 289 490 1,091 829 490 1,091 829 490 289 490 289 490 292 26 26 26 1,314  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 1.010<br>1.036<br>1.025<br>1.000                      | 1.003<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000  | nt:                                 | 1,362<br>4,68<br>4,003<br>2,89<br>4,90<br>1,086<br>7,086<br>924  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.961<br>1.007<br>1.010<br>1.000                      | 0.897<br>1.000<br>1.000<br>1.000<br>1.000<br>1.029<br>1.029   | 156-168                             | 156<br>\$33<br>1,362<br>468<br>4,003<br>289<br>490<br>1,169<br>709   |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 1.011<br>1.010<br>1.021<br>1.000                      | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.0064   | 168-180                             | 1,362<br>4,66<br>1,003<br>2,89<br>5,04<br>1,169  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.997<br>0.991<br>0.995<br>1.000                      | 1.000<br>1.000<br>0.985<br>1.000  | 180-192                             | 180<br>\$23<br>1,362<br>4,68<br>1,003<br>308<br>504  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 1.052<br>1.034<br>1.069                               | 1.000<br>1.206<br>1.206<br>1.000  | 192-204                             | 192<br>\$23<br>1,362<br>4,68<br>988<br>988<br>308  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.961<br>0.918<br>0.961                               | 1.000<br>0.882<br>1.000   | 204-216                             | \$23<br>1,362<br>565<br>988  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 2.340   | 3.681<br>1.000  | 216-228                             | \$23<br>1,202<br>565   |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 1.000   | 1.000   | 228-240                             | \$85<br>1,202  |
| 1.000<br>1.000<br>100.0%                          | 1.000    |   |   | 240-Ult                             | \$85   |

Section I was provided by the City and previous actuarial studies. Shaded area is the old database.

Historical Reported Claims and Reported Claim Development

| Section I was provided by the City and previous actuarial studies. Shaded area is the old database | Selected<br>Cumulative<br>Percent Claims Reported | Previous | All Witd 3 Last 3 Last 5 x-hi.low | 2002/03 2003/04 2004/05 2004/05 2006/06 2006/07 2007/08 2008/09 2009/10 2011/12 2011/13 2013/14 2013/14 2016/17 2017/18 2016/17 2017/18 2018/10 2018/10 2018/10 2018/10 | Claim<br>Period                           | 2002/03<br>2003/04<br>2004/05<br>2004/05<br>2005/06<br>2006/07<br>2007/08<br>2008/09<br>2008/10<br>2010/11<br>2011/12<br>2011/12<br>2012/13<br>2013/14<br>2014/15<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17 | I. Historical Reported Claims Claim Period |
|--|---|----------|-----------------------------------|---|---|--|--|
| d by the City and pr   | 1.750<br>2.749<br>ported 36.4%                    | 1.750    | 1.400                             | 1.400   | 12-24                                     |  | ed Claims                                  |
| evious actuari   | 1.200<br>9 1.571<br>% 63.7%                       | 1.200    | 1.000                             | 1.000   | 24-36                                     | N UI   | 24   |
| al studies. Sh   | 1.100<br>1 1.309<br>% 76.4%                       | 1.100    | 4.000                             | 4.000   | 36-48                                     | 70   | 36   |
| laded area is t  | 1.075<br>9 1.190<br>% 84.0%                       | 1.075    | 1.000                             | 1.000   | 48-60                                     | N <del>-</del>   | 48   |
| he old databas   | 1.050<br>1.107<br>% 90.3%                         | 1.050    | 0.800                             | 0.8000  | 60-72                                     | 0.4  | 60   |
| 6  | 1.025<br>1.054<br>6 94.9%                         | 1.025    | 1.000                             | 1.000   | 72-84                                     | ი ი<br>დ 4   | 72   |
|  | 1.000<br>1.028<br>6 97.3%                         | 1.000    | 1.000                             | 1.000   | 84-96                                     | ω ω  | 84   |
|  | 1.000<br>1.028<br>97.3%                           | 1.000    | 1.000                             | 1.000   | 96-108                                    | ω <b>0</b>   | 96   |
|  | 1.000<br>1.028<br>97.3%                           | 1.000    | 1.000                             | 1.000   | 108-120                                   | 10   | 108  |
|  | 1.000<br>1.028<br>97.3%                           | 1.000    | 1.000                             | 1.000   | Mont                                      |  | Mont!<br>120                               |
|  | 1.000<br>1.028<br>97.3%                           | 1.000    | 1.000                             | 1:000   | Months of Development:<br>1-132 132-144 1 | 13 20  | Months of Development:                     |
|  | 1.000<br>1.028<br>97.3%                           | 1.000    | 1.000                             | 1.000   | nent:<br>144-156                          | 19<br>20   | nent:<br>144                               |
|  | 1.000<br>1.028<br>97.3%                           | 1.000    | 1.000                             | 1.000   | 156-168                                   | 1922   | 156  |
|  | 1.028<br>1.028<br>97.3%                           | 1.000    | 1.000                             | 1.000   | 168-180                                   | 22<br>22   | 168  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | 1.000                             | 1.000   | 180-192                                   | 14<br>26   | 180  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | 1.000                             | 1.000   | 192-204                                   | 1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4  | 192  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | 1.000                             | 1.000   | 204-216                                   | 24 <del>1</del> 3  | 204  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | 1.000                             | 1.000   | 216-228                                   | 13<br>13   | 216  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | 1.000                             | 1.000   | 228-240                                   | 27 11  | 228  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |                                   |   | 240-Ult                                   | 2  | 240  |

# Developed Limited Paid Losses, Reported Incurred Losses and Case Reserves

| Claim<br>Period<br>(1) | Months of<br>Development<br>9/30/22<br>(2) | Percent<br>Losses<br>Paid<br>(3) | Percent<br>Losses<br>Reported<br>(4) | Percent<br>Losses<br>Reserved<br>9/30/22<br>((4)-(3))/<br>(100.0%-(3))<br>(5) | Limited<br>Paid<br>Losses<br>9/30/22<br>(6) | Limited<br>Case<br>Reserves<br>9/30/22<br>(7) | Limited<br>Reported<br>Incurred<br>Losses<br>9/30/22<br>(8) | Developed Limited Paid Losses (6)/(3) (9) | Developed<br>Limited<br>Reported<br>Incurred<br>Losses<br>(8)/(4)<br>(10) | Developed<br>Limited<br>Case<br>Reserves<br>(6)+(7)/(5)<br>(11) |
|------------------------|--|----------------------------------|--------------------------------------|---|---|---|---|---|---|---|
| 1995/96                | 324.0                                      | 100.0%                           | 100.0%                               | 100.0%  | \$3,269,163                                 | \$0   | \$3,269,163   | \$3,269,163                               | \$3,269,163   | \$3,269,163   |
| 1996/97                | 312.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 253,791                                     | 0   | 253,791   | 253,791                                   | 253,791   | 253,791   |
| 1997/98                | 300.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 213,570                                     | 0   | 213.570   | 213,570                                   | 213,570   | 213,570   |
| 1998/99                | 288.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 174,329                                     | 0   | 174.329   | 174.329                                   | 174,329   | 174,329   |
| 1999/00                | 276.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 296,501                                     | 0   | 296,501   | 296,501                                   | 296,501   | 296,501   |
| 2000/01                | 264.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 666,271                                     | 0   | 666,271   | 666,271                                   | 666,271   | 666,271   |
| 2001/02                | 252.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 159,254                                     | 0   | 159,254   | 159,254                                   | 159,254   | 159,254   |
| 2002/03                | 240.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 84,657                                      | 0   | 84,657  | 84,657                                    | 84,657  | 84,657  |
| 2003/04                | 228.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 1,201,642                                   | 0   | 1,201,642   | 1,201,642                                 | 1,201,642   | 1,201,642   |
| 2004/05                | 216.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 564,514                                     | 0   | 564,514   | 564,514                                   | 564,514   | 564,514   |
| 2005/06                | 204.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 987,753                                     | 0   | 987,753   | 987,753                                   | 987,753   | 987,753   |
| 2006/07                | 192.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 307,542                                     | 0   | 307,542   | 307,542                                   | 307,542   | 307,542   |
| 2007/08                | 180.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 504,212                                     | 0   | 504,212   | 504,212                                   | 504,212   | 504,212   |
| 2008/09                | 168.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 1,169,286                                   | 0   | 1,169,286   | 1,169,286                                 | 1,169,286   | 1,169,286   |
| 2009/10                | 156.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 709,439                                     | 0   | 709,439   | 709,439                                   | 709,439   | 709,439   |
| 2010/11                | 144.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 923,607                                     | 0   | 923,607   | 923,607                                   | 923,607   | 923,607   |
| 2011/12                | 132.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 25,522                                      | 0   | 25,522  | 25,522                                    | 25,522  | 25,522  |
| 2012/13                | 120.0                                      | 99.5%                            | 100.0%                               | 100.0%  | 1,314,217                                   | 0   | 1,314,217   | 1,320,821                                 | 1,314,217   | 1,314,217   |
| 2013/14                | 108.0                                      | 98.5%                            | 100.0%                               | 100.0%  | 360,175                                     | 0   | 360,175   | 365,660                                   | 360,175   | 360,175   |
| 2014/15                | 96.0                                       | 97.1%                            | 100.0%                               | 100.0%  | 190   | 0   | 190   | 196                                       | 190   | 190   |
| 2015/16                | 84.0                                       | 94.7%                            | 97.6%                                | 54.7%   | 159,759                                     | 340,909                                       | 500,668   | 168,700                                   | 512,980   | 606,111 *   |
| 2016/17                | 72.0                                       | 86.1%                            | 88.7%                                | 18.7%   | 298,728                                     | 100,395                                       | 399,123   | 346,955                                   | 440,886 *   | 424,222 *   |
| 2017/18                | 60.0                                       | 66.2%                            | 77.1%                                | 32.2%   | 330,059                                     | 287,653                                       | 617,712   | 498,579                                   | 697,418 *   | 713,031 *   |
| 2018/19                | 48.0                                       | 47.3%                            | 61.7%                                | 27.3%   | 215,299                                     | 859,673                                       | 1,074,972   | 455,178                                   | 1,644,727 *   | 1,861,566 *   |
| 2019/20                | 36.0                                       | 27.0%                            | 41.1%                                | 19.3%   | 232,106                                     | 65,738  | 297,844   | 548,444 *                                 | 448,987 *   | 336,813 *   |
| 2020/21                | 24.0                                       | 4.9%                             | 18.3%                                | 14.1%   | 36,830                                      | 260,438                                       | 297,268   | 533,528 *                                 | 1,167,093 *   | 1,356,373 *   |
| 2021/22                | 12.0                                       | 2.0%                             | 7.3%                                 | 5.4%  | 0   | 157,500                                       | 157,500   | 0   | 548,973 *   | 644,811 *   |

<sup>(3)</sup> and (4) are based on Exhibit LE-2 (page 1).

<sup>(6), (7)</sup> and (8) are from Exhibit LE-1.

# Preliminary Projected Ultimate Limited Losses to 2021/22

| Claim<br>Period<br>(1) | Developed<br>Limited<br>Paid<br>Losses<br>(2) | Developed<br>Limited<br>Reported<br>Incurred<br>Losses<br>(3) | Developed<br>Limited<br>Case<br>Reserves<br>(4) | Preliminary<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(5) |
|------------------------|---|---|---|--|
| 1995/96                | \$3,269,163                                   | \$3,269,163   | \$3,269,163                                     | \$3,269,163  |
| 1995/96                | 253,791                                       | 253,791   | 253,791   | \$3,269,163<br>253,791   |
| 1997/98                | 213,570                                       | 213,570   | 213,570   | 213,570  |
| 1998/99                | 174,329                                       | 174,329   | 174,329   | 174,329  |
| 1999/00                | 296,501                                       | 296,501   | 296,501   | 296,501  |
| 2000/01                | 666,271                                       | 666,271   | 666,271   | 666,271  |
| 2000/01                |   | 159.254   |   | 159.254  |
| 2001/02                | 159,254                                       |   | 159,254   |  |
|                        | 84,657  | 84,657  | 84,657  | 84,657   |
| 2003/04                | 1,201,642                                     | 1,201,642   | 1,201,642                                       | 1,201,642  |
| 2004/05                | 564,514                                       | 564,514   | 564,514   | 564,514  |
| 2005/06                | 987,753                                       | 987,753   | 987,753   | 987,753  |
| 2006/07                | 307,542                                       | 307,542   | 307,542   | 307,542  |
| 2007/08                | 504,212                                       | 504,212   | 504,212   | 504,212  |
| 2008/09                | 1,169,286                                     | 1,169,286   | 1,169,286                                       | 1,169,286  |
| 2009/10                | 709,439                                       | 709,439   | 709,439   | 709,439  |
| 2010/11                | 923,607                                       | 923,607   | 923,607   | 923,607  |
| 2011/12                | 25,522  | 25,522  | 25,522  | 25,522   |
| 2012/13                | 1,320,821                                     | 1,314,217   | 1,314,217                                       | 1,314,217  |
| 2013/14                | 365,660                                       | 360,175   | 360,175   | 360,175  |
| 2014/15                | 196   | 190   | 190   | 190  |
| 2015/16                | 168,700                                       | 512,980   | 606,111   | 671,122  |
| 2016/17                | 346,955                                       | 440,886   | 424,222   | 449,321  |
| 2017/18                | 498,579                                       | 697,418   | 713,031   | 786,539  |
| 2018/19                | 455,178                                       | 1,644,727   | 1,861,566                                       | 1,644,727  |
| 2019/20                | 548,444                                       | 448,987   | 336,813   | 448,987  |
| 2020/21                | 533,528                                       | 1,167,093   | 1,356,373                                       | 1,167,093  |
| 2021/22                | 0   | 548,973   | 644,811   | 548,973  |

Subject to a minimum of Exhibit LE-1, (10) and minimum 50% of case reserves or \$10,000 per open claim as IBNR for claim periods with open claims.

| Claim<br>Period | Developed<br>Limited<br>Paid<br>Losses | Developed<br>Limited<br>Reported<br>Incurred<br>Losses | Developed<br>Limited<br>Case<br>Reserves |
|-----------------|--|--|--|
| to 2007/08      | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2008/09         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2009/10         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2010/11         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2011/12         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2012/13         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2013/14         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2014/15         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2015/16         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2016/17         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2017/18         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2018/19         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2019/20         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2020/21         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2021/22         | 0.0%                                   | 100.0%   | 0.0%                                     |

<sup>(2), (3)</sup> and (4) are from Exhibit LE-3.

<sup>(5)</sup> is based on (2) to (4), weighted as follows:

\$2,600.06

#### City of Miami Beach, Florida Law Enforcement Liability

## Bornhuetter - Ferguson Analysis

#### I. A-priori Loss Rate

|         | Preliminary<br>Projected<br>Ultimate |                  | Limited<br>Loss Rate<br>per | Loss Rate<br>Trend | Trended<br>Limited<br>Loss Rate<br>per | Projected<br>A-priori<br>Loss Rate<br>per |
|---------|--------------------------------------|------------------|-----------------------------|--------------------|--|---|
| Claim   | Limited                              |                  | Patrol Position             | (2022/23           | Patrol Position                        | Patrol Position                           |
| Period  | Losses                               | Patrol Positions | (2)/(3)                     | = 1.000)           | (4)X(5)                                | (7)/(5)                                   |
| (1)     | (2)                                  | (3)              | (4)                         | (5)                | (6)                                    | (8)                                       |
|         | <b>*</b>                             |                  | <b>*</b>                    |                    | <b>A</b>                               | <b>A</b>                                  |
| 2017/18 | \$786,539                            | 401              | \$1,961.44                  | 1.276              | \$2,503.35                             | \$2,037.21                                |
| 2018/19 | 1,644,727                            | 420              | 3,916.02                    | 1.216              | 4,759.94                               | 2,139.08                                  |
| 2019/20 | 448,987                              | 421              | 1,066.48                    | 1.158              | 1,234.58                               | 2,246.03                                  |
| 2020/21 | 1,167,093                            | 416              | 2,805.51                    | 1.103              | 3,093.08                               | 2,358.33                                  |
| 2021/22 | 548,973                              | 409              | 1,342.23                    | 1.050              | 1,409.34                               | 2,476.25                                  |

(7) Projected 2022/23 a-priori loss rate per Patrol Position

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

| Claim<br>Period<br>(1) | Limited<br>Paid<br>Losses<br>9/30/22<br>(2) | Percent<br>Losses<br>Paid<br>(3) | Projected<br>A-priori<br>Loss Rate<br>per<br>Patrol Position<br>(4) | Patrol Positions<br>(5) | B-F<br>Unpaid<br>Losses<br>(100.0%-(3))<br>X(4)X(5)<br>(6) | B-F<br>Ultimate<br>Limited<br>Paid<br>Losses<br>(2)+(6)<br>(7) |
|------------------------|---|----------------------------------|---|-------------------------|--|--|
| 2017/18                | \$330,059                                   | 66.2%                            | \$2,037.21  | 401                     | \$276,120  | \$606,179  |
| 2018/19                | 215,299                                     | 47.3%                            | 2,139.08  | 420                     | 473,463  | 688,762  |
| 2019/20                | 232,106                                     | 27.0%                            | 2,246.03  | 421                     | 690,272  | 922,378  |
| 2020/21                | 36,830                                      | 4.9%                             | 2,358.33  | 416                     | 932,993  | 969,823  |
| 2021/22                | 0   | 2.0%                             | 2,476.25  | 409                     | 992,529  | 992,529  |

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

|         |           |          |                 |                  |              | B-F       |
|---------|-----------|----------|-----------------|------------------|--------------|-----------|
|         | Limited   |          | Projected       |                  | B-F          | Ultimate  |
|         | Reported  |          | A-priori        |                  | Unreported   | Limited   |
|         | Incurred  | Percent  | Loss Rate       |                  | Losses       | Reported  |
| Claim   | Losses    | Losses   | per             |                  | (100.0%-(3)) | Losses    |
| Period  | 9/30/22   | Reported | Patrol Position | Patrol Positions | X(4)X(5)     | (2)+(6)   |
| (1)     | (2)       | (3)      | (4)             | (5)              | (6)          | (7)       |
| <br>    |           |          |                 |                  |              |           |
| 2017/18 | \$617,712 | 77.1%    | \$2,037.21      | 401              | \$187,075    | \$804,787 |
| 2018/19 | 1,074,972 | 61.7%    | 2,139.08        | 420              | 344,092      | 1,419,064 |
| 2019/20 | 297,844   | 41.1%    | 2,246.03        | 421              | 556,946      | 854,790   |
| 2020/21 | 297,268   | 18.3%    | 2,358.33        | 416              | 801,531      | 1,098,799 |
| 2021/22 | 157,500   | 7.3%     | 2,476.25        | 409              | 938,852      | 1,096,352 |
|         |           |          |                 |                  |              |           |

Section I, (2) is from Exhibit LE-4.

Section I, (3), Section II, (5) and Section III, (5) were provided by the City.

Section I, (5) is from Exhibit LE-12.

Section I, (7) is based on Section I, (6) and the following weights:

| Weight |
|--------|
| 20.0%  |
| 20.0%  |
| 20.0%  |
| 20.0%  |
| 20.0%  |
|        |

Sections II and III, (2) are from Exhibit LE-1.

Sections II and III, (3) are based on Exhibit LE-2 (page 1).

Sections II and III, (4) are from Section I, (8).

## Frequency Times Severity Analysis

## I. Projected Ultimate Claims

| Claim<br>Period | Months of<br>Development<br>9/30/22 | Reported<br>Claims<br>9/30/22 | Percent<br>Claims<br>Reported | Projected<br>Ultimate<br>Claims<br>(3)/(4) | Reported<br>Open<br>Claims<br>9/30/22 | Number of<br>IBNR<br>Claims<br>(5)-(3) | Open<br>Claims<br>9/30/22<br>(6)+(7) |
|-----------------|-------------------------------------|-------------------------------|-------------------------------|--|---------------------------------------|--|--------------------------------------|
| (1)             | (2)                                 | (3)                           | (4)                           | (5)  | (6)                                   | (7)                                    | (8)                                  |
| 2017/18         | 60.0                                | 5                             | 90.3%                         | 6  | 4                                     | 1                                      | 5                                    |
| 2018/19         | 48.0                                | 4                             | 84.0%                         | 5  | 4                                     | 1                                      | 5                                    |
| 2019/20         | 36.0                                | 2                             | 76.4%                         | 3  | 2                                     | 1                                      | 3                                    |
| 2020/21         | 24.0                                | 7                             | 63.7%                         | 11   | 7                                     | 4                                      | 11                                   |
| 2021/22         | 12.0                                | 2                             | 36.4%                         | 5  | 2                                     | 3                                      | 5                                    |

# II. Frequency Times Severity

| Claim<br>Period<br>(1) | Preliminary<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(2) | Projected<br>Ultimate<br>Claims<br>(3) | Average<br>Severity<br>(2)/(3)<br>(4) | Severity<br>Trend<br>(2022/23<br>= 1.000)<br>(5) | Trended<br>Average<br>Claim<br>Severity<br>(4)X(5)<br>(6) | De-Trended<br>Projected<br>2022/23<br>Average<br>Claim<br>Severity<br>(7)/(5)<br>(8) | Frequency<br>Times<br>Severity<br>(3)X(8)<br>(9) |
|------------------------|--|--|---------------------------------------|--|---|--|--|
| 2017/18                | \$786,539  | 6                                      | \$131,090                             | 1.276  | \$167,307   | \$152,420  | \$914,520  |
| 2018/19                | 1,644,727  | 5                                      | 328,945                               | 1.216  | 399,835   | 160,041  | 800,205  |
| 2019/20                | 448,987  | 3                                      | 149,662                               | 1.158  | 173,253   | 168,043  | 504,129  |
| 2020/21                | 1,167,093  | 11                                     | 106,099                               | 1.103  | 116,975   | 176,445  | 1,940,898  |
| 2021/22                | 548,973  | 5                                      | 109,795                               | 1.050  | 115,284   | 185,268  | 926,338  |

(7) Projected 2022/23 average claim severity

\$194,531

Section I, (3) and (6) are from Exhibit LE-1.

Section I, (4) is from Exhibit LE-2.

Section II, (2) is from Exhibit LE-4.

Section II, (3) is from Section I, (5).

Section II, (5) is from Exhibit LE-12.

Section II, (7) is based on (6) and the following weights:

| Claim<br>Period | Weight |
|-----------------|--------|
| 2017/18         | 20.0%  |
| 2018/19         | 20.0%  |
| 2019/20         | 20.0%  |
| 2020/21         | 20.0%  |
| 2021/22         | 20.0%  |

#### Projected Ultimate Limited Losses to 2021/22

| 0       | Developed<br>Limited | Developed<br>Limited<br>Reported | Developed<br>Limited | B-F<br>Paid<br>Method | B-F<br>Reported<br>Method | Frequency | Previous<br>Projected<br>Ultimate<br>Limited | Projected<br>Ultimate | Change in<br>Projected<br>Ultimate<br>Limited |
|---------|----------------------|----------------------------------|----------------------|-----------------------|---------------------------|-----------|--|-----------------------|---|
| Claim   | Paid                 | Incurred                         | Case                 | Ultimate              | Ultimate                  | Times     | Losses                                       | Limited               | Losses  |
| Period  | Losses               | Losses                           | Reserves             | Losses                | Losses                    | Severity  | (9/30/21)                                    | Losses                | (9)-(8)                                       |
| (1)     | (2)                  | (3)                              | (4)                  | (5)                   | (6)                       | (7)       | (8)  | (9)                   | (10)  |
| 1995/96 | \$3,269,163          | \$3,269,163                      | \$3,269,163          |                       |                           |           | \$3,269,163                                  | \$3,269,163           | \$0   |
| 1996/97 | 253,791              | 253,791                          | 253,791              |                       |                           |           | 253,791                                      | 253,791               | 0   |
| 1997/98 | 213,570              | 213,570                          | 213,570              |                       |                           |           | 213,570                                      | 213,570               | 0   |
| 1998/99 | 174,329              | 174,329                          | 174,329              |                       |                           |           | 174,329                                      | 174,329               | 0   |
| 1999/00 | 296,501              | 296,501                          | 296,501              |                       |                           |           | 296,501                                      | 296,501               | 0   |
| 2000/01 | 666,271              | 666,271                          | 666,271              |                       |                           |           | 666,271                                      | 666,271               | 0   |
| 2001/02 | 159,254              | 159,254                          | 159,254              |                       |                           |           | 159,254                                      | 159,254               | 0   |
| 2002/03 | 84,657               | 84,657                           | 84,657               |                       |                           |           | 84,657                                       | 84,657                | 0   |
| 2003/04 | 1,201,642            | 1,201,642                        | 1,201,642            |                       |                           |           | 1,201,642                                    | 1,201,642             | 0   |
| 2004/05 | 564,514              | 564,514                          | 564,514              |                       |                           |           | 564,514                                      | 564,514               | 0   |
| 2005/06 | 987,753              | 987,753                          | 987,753              |                       |                           |           | 987,753                                      | 987,753               | 0   |
| 2006/07 | 307,542              | 307,542                          | 307,542              |                       |                           |           | 307,542                                      | 307,542               | 0   |
| 2007/08 | 504,212              | 504,212                          | 504,212              |                       |                           |           | 504,212                                      | 504,212               | 0   |
| 2008/09 | 1,169,286            | 1,169,286                        | 1,169,286            |                       |                           |           | 1,169,286                                    | 1,169,286             | 0   |
| 2009/10 | 709,439              | 709,439                          | 709,439              |                       |                           |           | 709,439                                      | 709,439               | 0   |
| 2010/11 | 923,607              | 923,607                          | 923,607              |                       |                           |           | 923,607                                      | 923,607               | 0   |
| 2011/12 | 25,522               | 25,522                           | 25,522               |                       |                           |           | 25,522                                       | 25,522                | 0   |
| 2012/13 | 1,320,821            | 1,314,217                        | 1,314,217            |                       |                           |           | 1,314,188                                    | 1,314,217             | 29  |
| 2013/14 | 365,660              | 360,175                          | 360,175              |                       |                           |           | 360,024                                      | 360,175               | 151   |
| 2014/15 | 196                  | 190                              | 190                  |                       |                           |           | 190  | 190                   | 0   |
| 2015/16 | 168,700              | 512,980                          | 606,111              |                       |                           |           | 178,515                                      | 671,122               | 492,607                                       |
| 2016/17 | 346,955              | 440,886                          | 424,222              |                       |                           |           | 312,662                                      | 449,321               | 136,659                                       |
| 2017/18 | 498,579              | 697,418                          | 713,031              | 606,179               | 804,787                   | 914,520   | 415,319                                      | 786,539               | 371,219                                       |
| 2018/19 | 455,178              | 1,644,727                        | 1,861,566            | 688,762               | 1,419,064                 | 800,205   | 105,224                                      | 1,599,595             | 1,494,371                                     |
| 2019/20 | 548,444              | 448,987                          | 336,813              | 922,378               | 854,790                   | 504,129   | 433,281                                      | 530,148               | 96,867  |
| 2020/21 | 533,528              | 1,167,093                        | 1,356,373            | 969,823               | 1,098,799                 | 1,940,898 | 667,535                                      | 1,132,946             | 465,411                                       |
| 2021/22 | 0                    | 548,973                          | 644,811              | 992,529               | 1,096,352                 | 926,338   | 513,632                                      | 986,876               | 473,244                                       |

Subject to a minimum of Exhibit LE-1, (10) and minimum 50% of case reserves or \$10,000 per open claim as IBNR for claim periods with open claims.

| Claim<br>Period | Developed<br>Limited<br>Paid<br>Losses | Developed<br>Limited<br>Reported<br>Incurred<br>Losses | Developed<br>Limited<br>Case<br>Reserves | B-F<br>Paid<br>Method<br>Ultimate<br>Losses | B-F<br>Reported<br>Method<br>Ultimate<br>Losses | Frequency<br>Times<br>Severity | Previous<br>Projected<br>Ultimate<br>Limited<br>Losses |
|-----------------|--|--|--|---|---|--------------------------------|--|
| to 2007/08      | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2008/09         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2009/10         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2010/11         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2011/12         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2012/13         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2013/14         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2014/15         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2015/16         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2016/17         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2017/18         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2018/19         | 0.0%                                   | 80.0%  | 0.0%                                     | 0.0%  | 20.0%   | 0.0%                           | 0.0%   |
| 2019/20         | 0.0%                                   | 80.0%  | 0.0%                                     | 0.0%  | 20.0%   | 0.0%                           | 0.0%   |
| 2020/21         | 0.0%                                   | 50.0%  | 0.0%                                     | 0.0%  | 50.0%   | 0.0%                           | 0.0%   |
| 2021/22         | 0.0%                                   | 20.0%  | 0.0%                                     | 0.0%  | 80.0%   | 0.0%                           | 0.0%   |
| Total Last 5    | \$2,035,728                            | \$4,507,199  | \$4,912,595                              | \$4,179,672                                 | \$5,273,791                                     | \$5,086,090                    | \$2,134,991  |

Average projected ultimate limited losses total last 5, excluding previous: Projected ultimate limited losses total last 5

\$4,332,512 \$5,036,103

<sup>(2), (3)</sup> and (4) are from Exhibit LE-3.

<sup>(5)</sup> and (6) are from Exhibit LE-5.

<sup>(7)</sup> is from Exhibit LE-6.

<sup>(8)</sup> is from the previous study.

<sup>(9)</sup> is based on (2) to (8), weighted as follows:

## Projected Ultimate Limited Losses for 2022/23 and Subsequent

| Claim<br>Period<br>(1)<br> | Projected Ultimate Limited Losses (2) | Patrol Positions (3) 401 | Limited Loss Rate per Patrol Position (2)/(3) (4)  \$1,961.44 | Loss Rate Trend (2022/23 = 1.000) (5) | Trended Limited Loss Rate per Patrol Position (4)X(5) (6)  \$2,503.35 |   |
|----------------------------|---------------------------------------|--------------------------|---|---------------------------------------|---|---|
| 2018/19                    | 1,599,595                             | 420                      | 3,808.56  | 1.216                                 | 4,629.33  |   |
| 2019/20                    | 530,148                               | 421                      | 1,259.26  | 1.158                                 | 1,457.75  |   |
| 2020/21                    | 1,132,946                             | 416                      | 2,723.43  | 1.103                                 | 3,002.58  |   |
| 2021/22                    | 986,876                               | 409                      | 2,412.90  | 1.050                                 | 2,533.54  |   |
| Total                      | \$5,036,103                           | 2,067                    | \$2,436.43  |                                       | \$2,825.31  |   |
|                            | Projected<br>Limited<br>Loss Rate     |                          | Projected<br>Ultimate<br>Limited                              | Present                               | Present<br>Value of<br>Projected<br>Limited<br>Loss Rate<br>per       | Present<br>Value of<br>Projected<br>Ultimate<br>Limited |
| Claim                      | per                                   | Projected                | Losses  | Value                                 | Patrol Position   | Losses  |
| Period                     | Patrol Position                       | Patrol Positions         | (7)X(8)   | Factor                                | (7)X(10)  | (8)X(11)  |
| (1)                        | (7)                                   | (8)                      | (9)   | (10)                                  | (11)<br>  | (12)  |
| 2022/23                    | \$2,825.31                            | 413                      | \$1,167,108   | 0.85                                  | \$2,395.86  | \$989,707   |
| 2023/24                    | 2,966.58                              | 417                      | 1,237,718   | 0.85                                  | 2,515.66  | 1,049,584   |
| 2024/25                    | 3,114.90                              | 421                      | 1,312,599   | 0.85                                  | 2,641.44  | 1,113,084   |
| 2025/26                    | 3,270.65                              | 426                      | 1,392,012   | 0.85                                  | 2,773.51  | 1,180,426   |
| 2026/27                    | 3,434.18                              | 430                      | 1,476,228   | 0.85                                  | 2,912.19  | 1,251,842   |

| Claim<br>Period | Weight |
|-----------------|--------|
| 2017/18         | 20.0%  |
| 2018/19         | 20.0%  |
| 2019/20         | 20.0%  |
| 2020/21         | 20.0%  |
| 2021/22         | 20.0%  |

<sup>(2)</sup> is from Exhibit LE-7.

<sup>(3)</sup> was provided by the City.

<sup>(5)</sup> is from Exhibit LE-12.

<sup>(7)</sup> for 2022/23 is based on (6) and the following weights:

<sup>(7)</sup> for 2023/24 and subsequent are based on 2022/23 plus the trend in Exhibit LE-12.

<sup>(8)</sup> is based on (3) for 2021/22 and a 1% trend.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit LE-2 (page 1).

Estimated Outstanding Losses as of September 30, 2022

|         | Limited<br>Paid | Limited<br>Case | Limited<br>Reported<br>Incurred | Projected<br>Ultimate | Estimated Outstanding Losses | Estimated<br>IBNR |
|---------|-----------------|-----------------|---------------------------------|-----------------------|------------------------------|-------------------|
| Claim   | Losses          | Reserves        | Losses                          | Limited               | 9/30/22                      | 9/30/22           |
| Period  | 9/30/22         | 9/30/22         | 9/30/22                         | Losses                | (5)-(2)                      | (6)-(3)           |
| (1)     | (2)             | (3)             | (4)                             | (5)                   | (6)                          | (7)               |
| 1995/96 | \$3,269,163     | \$0             | \$3,269,163                     | \$3,269,163           | \$0                          | \$0               |
| 1996/97 | 253,791         | 0               | 253,791                         | 253,791               | 0                            | 0                 |
| 1997/98 | 213,570         | 0               | 213,570                         | 213,570               | 0                            | 0                 |
| 1998/99 | 174,329         | 0               | 174,329                         | 174,329               | 0                            | 0                 |
| 1999/00 | 296,501         | 0               | 296,501                         | 296,501               | 0                            | 0                 |
| 2000/01 | 666,271         | 0               | 666,271                         | 666,271               | 0                            | 0                 |
| 2001/02 | 159,254         | 0               | 159,254                         | 159,254               | 0                            | 0                 |
| 2002/03 | 84,657          | 0               | 84,657                          | 84,657                | 0                            | 0                 |
| 2003/04 | 1,201,642       | 0               | 1,201,642                       | 1,201,642             | 0                            | 0                 |
| 2004/05 | 564,514         | 0               | 564,514                         | 564,514               | 0                            | 0                 |
| 2005/06 | 987,753         | 0               | 987,753                         | 987,753               | 0                            | 0                 |
| 2006/07 | 307,542         | 0               | 307,542                         | 307,542               | 0                            | 0                 |
| 2007/08 | 504,212         | 0               | 504,212                         | 504,212               | 0                            | 0                 |
| 2008/09 | 1,169,286       | 0               | 1,169,286                       | 1,169,286             | 0                            | 0                 |
| 2009/10 | 709,439         | 0               | 709,439                         | 709,439               | 0                            | 0                 |
| 2010/11 | 923,607         | 0               | 923,607                         | 923,607               | 0                            | 0                 |
| 2011/12 | 25,522          | 0               | 25,522                          | 25,522                | 0                            | 0                 |
| 2012/13 | 1,314,217       | 0               | 1,314,217                       | 1,314,217             | 0                            | 0                 |
| 2013/14 | 360,175         | 0               | 360,175                         | 360,175               | 0                            | 0                 |
| 2014/15 | 190             | 0               | 190                             | 190                   | 0                            | 0                 |
| 2015/16 | 159,759         | 340,908         | 500,668                         | 671,122               | 511,363                      | 170,455           |
| 2016/17 | 298,728         | 100,395         | 399,123                         | 449,321               | 150,593                      | 50,198            |
| 2017/18 | 330,059         | 337,653         | 617,712                         | 786,539               | 456,480                      | 118,827           |
| 2018/19 | 215,299         | 859,673         | 1,074,972                       | 1,599,595             | 1,384,296                    | 524,623           |
| 2019/20 | 232,106         | 65,738          | 297,844                         | 530,148               | 298,042                      | 232,304           |
| 2020/21 | 36,830          | 260,438         | 297,268                         | 1,132,946             | 1,096,116                    | 835,678           |
| 2021/22 | 0               | 157,500         | 157,500                         | 986,876               | 986,876                      | 829,376           |
| Total   | \$14,458,416    | \$2,122,305     | \$16,530,722                    | \$19,342,180          | \$4,883,766                  | \$2,761,461       |

<sup>(2), (3)</sup> and (4) are from Exhibit LE-1, and net of the specific self insured retention and aggregate retention.

<sup>(5)</sup> is from Exhibit LE-7.

Present Value of Estimated Outstanding Losses as of December 31, 2021

|         |             |         | Present     |             |
|---------|-------------|---------|-------------|-------------|
|         |             |         | Value of    |             |
|         |             |         | Estimated   | Anticipated |
|         | Estimated   |         | Outstanding | Future      |
|         | Outstanding | Present | Losses      | Investment  |
| Claim   | Losses      | Value   | 9/30/22     | Income      |
| Period  | 9/30/22     | Factor  | (2)X(3)     | (2)-(4)     |
| (1)     | (2)         | (3)     | (4)         | (5)         |
| 1995/96 | \$0         | 1.00    | \$0         | \$0         |
| 1996/97 | 0           | 1.00    | 0           | 0           |
| 1997/98 | 0           | 1.00    | 0           | 0           |
| 1998/99 | 0           | 1.00    | 0           | 0           |
| 1999/00 | 0           | 1.00    | 0           | 0           |
| 2000/01 | 0           | 1.00    | 0           | 0           |
| 2001/02 | 0           | 1.00    | 0           | 0           |
| 2002/03 | 0           | 1.00    | 0           | 0           |
| 2003/04 | 0           | 1.00    | 0           | 0           |
| 2004/05 | 0           | 1.00    | 0           | 0           |
| 2005/06 | 0           | 1.00    | 0           | 0           |
| 2006/07 | 0           | 1.00    | 0           | 0           |
| 2007/08 | 0           | 1.00    | 0           | 0           |
| 2008/09 | 0           | 1.00    | 0           | 0           |
| 2009/10 | 0           | 1.00    | 0           | 0           |
| 2010/11 | 0           | 1.00    | 0           | 0           |
| 2011/12 | 0           | 1.00    | 0           | 0           |
| 2012/13 | 0           | 0.98    | 0           | 0           |
| 2013/14 | 0           | 0.97    | 0           | 0           |
| 2014/15 | 0           | 0.96    | 0           | 0           |
| 2015/16 | 511,363     | 0.95    | 483,749     | 27,614      |
| 2016/17 | 150,593     | 0.95    | 143,666     | 6,927       |
| 2017/18 | 456,480     | 0.95    | 435,482     | 20,998      |
| 2018/19 | 1,384,296   | 0.94    | 1,301,238   | 83,058      |
| 2019/20 | 298,042     | 0.93    | 275,689     | 22,353      |
| 2020/21 | 1,096,116   | 0.91    | 998,562     | 97,554      |
| 2021/22 | 986,876     | 0.88    | 867,464     | 119,412     |
| Total   | \$4,883,766 |         | \$4,505,850 | \$377,916   |

<sup>(2)</sup> is from Exhibit LE-9.

<sup>(3)</sup> is based on a 4% interest rate and the payout pattern in Exhibit LE-2 (page 1).

Projected Losses Paid October 1, 2022 to September 30, 2023

| Total \$6,050,874 | 24.0 4.9% 36.0 27.0% 23.2% 12.0 2.0% 12.0 2.0% 24.0 4.9% 3.0% 10.0 0.0% 12.0 2.0% 2.0% 2.0% 12.0 2.0% 2.0% 12.0 2.0% | 84.0     94.7%     96.0     97.1%       72.0     86.1%     84.0     94.7%       60.0     66.2%     72.0     86.1%       48.0     47.3%     60.0     66.2%       36.0     27.0%     48.0     47.3% |  | 38.0 100.0% 324.0 100.0% 336.0 100.0% 34.0 100.0% 34.0 100.0% 324.0 100.0% 324.0 100.0% 324.0 100.0% 324.0 100.0% 312.0 100.0% 312.0 100.0% 312.0 100.0% 312.0 100.0% 300.0 10 | Paid 10/1/22 to Estimated 10/1 |
|-------------------|--|---|--|--|--|
|                   | 36.0<br>24.0<br>12.0   | 96.0<br>84.0<br>72.0<br>60.0  | 192.0<br>192.0<br>180.0<br>168.0<br>156.0<br>144.0 | 336.0<br>324.0<br>312.0<br>312.0<br>300.0<br>288.0<br>226.0<br>226.0<br>228.0<br>228.0<br>228.0<br>228.0<br>228.0<br>228.0   |  |
|                   |  |   |  |  |  |
| \$6,050,874       | * * *  | * * * * *   |  |  | Estimated Outstanding Losses 9/30/22 (7)   |
| \$1,266,105       | 254,723<br>29,203<br>29,342  | 178,977<br>52,708<br>159,768<br>484,504<br>82,880   | 000000   |  | Projected Losses Paid (6)X(7) (8)  |
| \$4,784,769       | 841,393<br>847,673<br>957,673<br>1,143,766   | 332,386<br>97,885<br>296,712<br>899,792<br>215,162  | 000000   |  | Estimated Outs tanding Losses 9/30/23 (7)-(8) (9)  |
|                   | 0.93<br>0.91<br>0.88   | 0.96<br>0.95<br>0.95<br>0.94  | 1111111  | 1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00   | Present<br>Value<br>Factor<br>(10)   |
| \$4,409,844       | 778,2<br>872,4<br>1,005,3  | 317,429<br>92,599<br>283,063<br>858,402<br>202,252  |  |  | Value of Estimated Outstanding Losses 9/30/23 (9)X(10) (11)  |

<sup>\* -</sup> Limited to a maximum of 35% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit LE-2 (page 1).

<sup>(7)</sup> to 2021/22 is from Exhibit LE-9. The amount for 2022/23 is from Exhibit LE-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit LE-2 (page 1).

Projected Losses Paid October 1, 2023 to September 30, 2024

| \$4,472,022                                   |         | \$4,862,682                  | \$1,159,805         | \$6,022,487           |  |         |             |         |             | Total   |
|---|---------|------------------------------|---------------------|-----------------------|--|---------|-------------|---------|-------------|---------|
| 1,066,195                                     | 0.88    | 1,212,964                    | 24,754              | 1,237,718             | 2.0% *   | 2.0%    | 12.0        | 0.0%    | 0.0         | 2023/24 |
| 1,011,137                                     | 0.91    | 1,109,920                    | 33,846              | 1,143,766             | 3.0% *   | 4.9%    | 24.0        | 2.0%    | 12.0        | 2022/23 |
| 679,988                                       | 0.93    | 735,122                      | 222,551             | 957,673               | 23.2% *  | 27.0%   | 36.0        | 4.9%    | 24.0        | 2021/22 |
| 570,972                                       | 0.94    | 607,417                      | 233,976             | 841,393               | 27.8% *  | 47.3%   | 48.0        | 27.0%   | 36.0        | 2020/21 |
| 133,422                                       | 0.95    | 139,855                      | 75,307              | 215,162               | 35.0% *  | 66.2%   | 60.0        | 47.3%   | 48.0        | 2019/20 |
| 557,961                                       | 0.95    | 584,865                      | 314,927             | 899,792               | 35.0% *  | 86.1%   | 72.0        | 66.2%   | 60.0        | 2018/19 |
| 182,448                                       | 0.95    | 192,863                      | 103,849             | 296,712               | 35.0% *  | 94.7%   | 84.0        | 86.1%   | 72.0        | 2017/18 |
| 60,762  | 0.96    | 63,625                       | 34,260              | 97,885                | 35.0% *  | 97.1%   | 96.0        | 94.7%   | 84.0        | 2016/17 |
| 209,137                                       | 0.97    | 216,051                      | 116,335             | 332,386               | 35.0% *  | 98.5%   | 108.0       | 97.1%   | 96.0        | 2015/16 |
| 0   | 0.98    | 0                            | 0                   | 0                     | 35.0% *  | 99.5%   | 120.0       | 98.5%   | 108.0       | 2014/15 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 132.0       | 99.5%   | 120.0       | 2013/14 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 144.0       | 100.0%  | 132.0       | 2012/13 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 156.0       | 100.0%  | 144.0       | 2011/12 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 168.0       | 100.0%  | 156.0       | 2010/11 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 180.0       | 100.0%  | 168.0       | 2009/10 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 192.0       | 100.0%  | 180.0       | 2008/09 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 204.0       | 100.0%  | 192.0       | 2007/08 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 216.0       | 100.0%  | 204.0       | 2006/07 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 228.0       | 100.0%  | 216.0       | 2005/06 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 240.0       | 100.0%  | 228.0       | 2004/05 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 252.0       | 100.0%  | 240.0       | 2003/04 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 264.0       | 100.0%  | 252.0       | 2002/03 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 276.0       | 100.0%  | 264.0       | 2001/02 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 288.0       | 100.0%  | 276.0       | 2000/01 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 300.0       | 100.0%  | 288.0       | 1999/00 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 312.0       | 100.0%  | 300.0       | 1998/99 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 324.0       | 100.0%  | 312.0       | 1997/98 |
| 0   | 1.00    | 0                            | 0                   | 0                     | 35.0% *  | 100.0%  | 336.0       | 100.0%  | 324.0       | 1996/97 |
| \$0   | 1.00    | \$0                          | \$0                 | \$0                   | 35.0% *  | 100.0%  | 348.0       | 100.0%  | 336.0       | 1995/96 |
| (11)  | (10)    | (9)                          | (8)                 | (7)                   | (6)  | (5)     | (4)         | (3)     | (2)         | (1)     |
| (9)X(10)                                      | Factor  | (7)-(8)                      | (6)X(7)             | 9/30/23               | (100.0%-(3))   | Paid    | 9/30/24     | Paid    | 9/30/23     | Period  |
| 9/30/24                                       | Value   | 9/30/24                      | Paid                | Losses                | ((5)-(3))/   | Losses  | Development | Losses  | Development | Claim   |
| Present Value of Estimated Outstanding Losses | Present | Estimated Outstanding Losses | Projected<br>Losses | Estimated Outstanding | Outstanding<br>Losses<br>Paid<br>10/1/23 to<br>9/30/24 | Percent | Months of   | Percent | Months of   |         |
|   |         |                              |                     |                       | Percent  |         |             |         |             |         |

<sup>\* -</sup> Limited to a maximum of 35% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit LE-2 (page 1).

<sup>(7)</sup> to 2022/23 is from Exhibit LE-11 (page 1), (9). The amount for 2023/24 is from Exhibit LE-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit LE-2 (page 1).

Projected Losses Paid October 1, 2024 to September 30, 2025

| \$4,610,490   |                  | \$5,019,143                          | \$1,156,138                 | \$6,175,281                  |   |                   |                          |                   |                       | Total   |
|---|------------------|--------------------------------------|-----------------------------|------------------------------|---|-------------------|--------------------------|-------------------|-----------------------|---------|
| 1,130,699   | 0.88             | 1,286,347                            | 26,252                      | 1,312,599                    | 2.0% *  | 2.0%              | 12.0                     | 0.0%              | 0.0                   | 2024/25 |
| 1,072,311   | 0.91             | 1,177,070                            | 35,894                      | 1,212,964                    | 3.0% *  | 4.9%              | 24.0                     | 2.0%              | 12.0                  | 2023/24 |
| 788,090   | 0.93             | 851,989                              | 257,931                     | 1,109,920                    | 23.2% *   | 27.0%             | 36.0                     | 4.9%              | 24.0                  | 2022/23 |
| 498,856   | 0.94             | 530,698                              | 204,424                     | 735,122                      | 27.8% *   | 47.3%             | 48.0                     | 27.0%             | 36.0                  | 2021/22 |
| 376,659   | 0.95             | 394,821                              | 212,596                     | 607,417                      | 35.0% *   | 66.2%             | 60.0                     | 47.3%             | 48.0                  | 2020/21 |
| 86,724  | 0.95             | 90,906                               | 48,949                      | 139,855                      | 35.0% *   | 86.1%             | 72.0                     | 66.2%             | 60.0                  | 2019/20 |
| 359,633   | 0.95             | 380,162                              | 204,703                     | 584,865                      | 35.0% *   | 94.7%             | 84.0                     | 86.1%             | 72.0                  | 2018/19 |
| 119,720   | 0.96             | 125,361                              | 67,502                      | 192,863                      | 35.0% *   | 97.1%             | 96.0                     | 94.7%             | 84.0                  | 2017/18 |
| 40,033  | 0.97             | 41,356                               | 22,269                      | 63,625                       | 35.0% *   | 98.5%             | 108.0                    | 97.1%             | 96.0                  | 2016/17 |
| 137,765   | 0.98             | 140,433                              | 75,618                      | 216,051                      | 35.0% *   | 99.5%             | 120.0                    | 98.5%             | 108.0                 | 2015/16 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 132.0                    | 99.5%             | 120.0                 | 2014/15 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 144.0                    | 100.0%            | 132.0                 | 2013/14 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 156.0                    | 100.0%            | 144.0                 | 2012/13 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 168.0                    | 100.0%            | 156.0                 | 2011/12 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 180.0                    | 100.0%            | 168.0                 | 2010/11 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 192.0                    | 100.0%            | 180.0                 | 2009/10 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 204.0                    | 100.0%            | 192.0                 | 2008/09 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 216.0                    | 100.0%            | 204.0                 | 2007/08 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 228.0                    | 100.0%            | 216.0                 | 2006/07 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 240.0                    | 100.0%            | 228.0                 | 2005/06 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 252.0                    | 100.0%            | 240.0                 | 2004/05 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 264.0                    | 100.0%            | 252.0                 | 2003/04 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 276.0                    | 100.0%            | 264.0                 | 2002/03 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 288.0                    | 100.0%            | 276.0                 | 2001/02 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 300.0                    | 100.0%            | 288.0                 | 2000/01 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 312.0                    | 100.0%            | 300.0                 | 1999/00 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 324.0                    | 100.0%            | 312.0                 | 1998/99 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 336.0                    | 100.0%            | 324.0                 | 1997/98 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 35.0% *   | 100.0%            | 348.0                    | 100.0%            | 336.0                 | 1996/97 |
| \$0   | 1.00             | \$0                                  | \$0                         | \$0                          | 35.0% *   | 100.0%            | 360.0                    | 100.0%            | 348.0                 | 1995/96 |
| (11)  | (10)             | (9)                                  | (8)                         | (7)                          | (6)   | (5)               | (4)                      | (3)               | (2)                   | (1)     |
| (9)X(10)  | Factor           | (7)-(8)                              | (6)X(7)                     | 9/30/24                      | (100.0%-(3))  | Paid              | 9/30/25                  | Paid              | 9/30/24               | Period  |
| Present Value of Estimated Outstanding Losses 9/30/25 | Present<br>Value | Estimated Outstanding Losses 9/30/25 | Projected<br>Losses<br>Paid | Estimated Outstanding Losses | Percent Outstanding Losses Paid 10/1/24 to 9/30/25 ((5)-(3))/ | Percent<br>Losses | Months of<br>Development | Percent<br>Losses | Months of Development | Claim   |

<sup>\* -</sup> Limited to a maximum of 35% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit LE-2 (page 1).

<sup>(7)</sup> to 2023/24 is from Exhibit LE-11 (page 2), (9). The amount for 2024/25 is from Exhibit LE-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit LE-2 (page 1).

Projected Losses Paid October 1, 2025 to September 30, 2026

| \$4,812,549                            |         | \$5,238,483           | \$1,172,672 | \$6,411,155 |   |         |             |         |             | Total   |
|--|---------|-----------------------|-------------|-------------|---|---------|-------------|---------|-------------|---------|
| 1,199,107                              | 0.88    | 1,364,172             | 27,840      | 1,392,012   | 2.0% *                                      | 2.0%    | 12.0        | 0.0%    | 0.0         | 2025/26 |
| 1,137,185                              | 0.91    | 1,248,282             | 38,065      | 1,286,347   | 3.0% *                                      | 4.9%    | 24.0        | 2.0%    | 12.0        | 2024/25 |
| 835,769                                | 0.93    | 903,534               | 273,536     | 1,177,070   | 23.2% *                                     | 27.0%   | 36.0        | 4.9%    | 24.0        | 2023/24 |
| 578,162                                | 0.94    | 615,066               | 236,923     | 851,989     | 27.8% *                                     | 47.3%   | 48.0        | 27.0%   | 36.0        | 2022/23 |
| 329,086                                | 0.95    | 344,954               | 185,744     | 530,698     | 35.0% *                                     | 66.2%   | 60.0        | 47.3%   | 48.0        | 2021/22 |
| 244,829                                | 0.95    | 256,634               | 138,187     | 394,821     | 35.0% *                                     | 86.1%   | 72.0        | 66.2%   | 60.0        | 2020/21 |
| 55,898                                 | 0.95    | 59,089                | 31,817      | 90,906      | 35.0% *                                     | 94.7%   | 84.0        | 86.1%   | 72.0        | 2019/20 |
| 235,985                                | 0.96    | 247,105               | 133,057     | 380,162     | 35.0% *                                     | 97.1%   | 96.0        | 94.7%   | 84.0        | 2018/19 |
| 78,877                                 | 0.97    | 81,485                | 43,876      | 125,361     | 35.0% *                                     | 98.5%   | 108.0       | 97.1%   | 96.0        | 2017/18 |
| 26,370                                 | 0.98    | 26,881                | 14,475      | 41,356      | 35.0% *                                     | 99.5%   | 120.0       | 98.5%   | 108.0       | 2016/17 |
| 91,281                                 | 1.00    | 91,281                | 49,152      | 140,433     | 35.0% *                                     | 100.0%  | 132.0       | 99.5%   | 120.0       | 2015/16 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 144.0       | 100.0%  | 132.0       | 2014/15 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 156.0       | 100.0%  | 144.0       | 2013/14 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 168.0       | 100.0%  | 156.0       | 2012/13 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 180.0       | 100.0%  | 168.0       | 2011/12 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 192.0       | 100.0%  | 180.0       | 2010/11 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 204.0       | 100.0%  | 192.0       | 2009/10 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 216.0       | 100.0%  | 204.0       | 2008/09 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 228.0       | 100.0%  | 216.0       | 2007/08 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 240.0       | 100.0%  | 228.0       | 2006/07 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 252.0       | 100.0%  | 240.0       | 2005/06 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 264.0       | 100.0%  | 252.0       | 2004/05 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 276.0       | 100.0%  | 264.0       | 2003/04 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 288.0       | 100.0%  | 276.0       | 2002/03 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 300.0       | 100.0%  | 288.0       | 2001/02 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 312.0       | 100.0%  | 300.0       | 2000/01 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 324.0       | 100.0%  | 312.0       | 1999/00 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 336.0       | 100.0%  | 324.0       | 1998/99 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 348.0       | 100.0%  | 336.0       | 1997/98 |
| 0                                      | 1.00    | 0                     | 0           | 0           | 35.0% *                                     | 100.0%  | 360.0       | 100.0%  | 348.0       | 1996/97 |
| \$0                                    | 1.00    | \$0                   | \$0         | \$0         | 35.0% *                                     | 100.0%  | 372.0       | 100.0%  | 360.0       | 1995/96 |
| (11)                                   | (10)    | (9)                   | (8)         | (7)         | (6)   | (5)     | (4)         | (3)     | (2)         | (1)     |
| (9)X(10)                               | Factor  | (7)-(8)               | (6)X(7)     | 9/30/25     | (100.0%-(3))                                | Paid    | 9/30/26     | Paid    | 9/30/25     | Period  |
| 9/30/26                                | Value   | 9/30/26               | Paid        | Losses      | ((5)-(3))/                                  | Losses  | Development | Losses  | Development | Claim   |
| Present Value of Estimated Outstanding | Procent | Estimated Outstanding | Projected   | Estimated   | Outstanding<br>Losses<br>Paid<br>10/1/25 to | Percent | Months of   | Percent | Months of   |         |
|  |         |                       |             |             | Percent                                     |         |             |         |             |         |

<sup>\* -</sup> Limited to a maximum of 35% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit LE-2 (page 1).

<sup>(7)</sup> to 2024/25 is from Exhibit LE-11 (page 3), (9). The amount for 2025/26 is from Exhibit LE-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit LE-2 (page 1).

Projected Losses Paid October 1, 2026 to September 30, 2027

| \$5,051,146                                   |         | \$5,500,604           | \$1,214,107         | \$6,714,711              |  |                |             |         |             | Total   |
|---|---------|-----------------------|---------------------|--------------------------|--|----------------|-------------|---------|-------------|---------|
| 1,271,652                                     | 0.88    | 1,446,703             | 29,525              | 1,476,228                | 2.0% *   | 2.0%           | 12.0        | 0.0%    | 0.0         | 2026/27 |
| 1 205,000                                     | 0.90    | 1 323 804             | 400,004             | 1 36/ 173                | 3 00% *  | 7.0%           | 34.0        | 2.0%    | 120         | 307,700 |
| 613,140                                       | 0.94    | 652,277               | 251,257             | 903,534                  | 27.8% *  | 47.3%<br>27.0% | 48.0        | 27.0%   | 36.0        | 2023/24 |
| 381,403                                       | 0.95    | 399,793               | 215,273             | 615,066                  | 35.0% *  | 66.2%          | 60.0        | 47.3%   | 48.0        | 2022/23 |
| 213,906                                       | 0.95    | 224,220               | 120,734             | 344,954                  | 35.0% *  | 86.1%          | 72.0        | 66.2%   | 60.0        | 2021/22 |
| 157,804                                       | 0.95    | 166,812               | 89,822              | 256,634                  | 35.0% *  | 94.7%          | 84.0        | 86.1%   | 72.0        | 2020/21 |
| 36,680  | 0.96    | 38,408                | 20,681              | 59,089                   | 35.0% *  | 97.1%          | 96.0        | 94.7%   | 84.0        | 2019/20 |
| 155,478                                       | 0.97    | 160,618               | 86,487              | 247,105                  | 35.0% *  | 98.5%          | 108.0       | 97.1%   | 96.0        | 2018/19 |
| 51,959  | 0.98    | 52,965                | 28,520              | 81,485                   | 35.0% *  | 99.5%          | 120.0       | 98.5%   | 108.0       | 2017/18 |
| 17,473  | 1.00    | 17,473                | 9,408               | 26,881                   | 35.0% *  | 100.0%         | 132.0       | 99.5%   | 120.0       | 2016/17 |
| 59,333  | 1.00    | 59,333                | 31,948              | 91,281                   | 35.0% *  | 100.0%         | 144.0       | 100.0%  | 132.0       | 2015/16 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 156.0       | 100.0%  | 144.0       | 2014/15 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 168.0       | 100.0%  | 156.0       | 2013/14 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 180.0       | 100.0%  | 168.0       | 2012/13 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 192.0       | 100.0%  | 180.0       | 2011/12 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 204.0       | 100.0%  | 192.0       | 2010/11 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 216.0       | 100.0%  | 204.0       | 2009/10 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 228.0       | 100.0%  | 216.0       | 2008/09 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 240.0       | 100.0%  | 228.0       | 2007/08 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 252.0       | 100.0%  | 240.0       | 2006/07 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 264.0       | 100.0%  | 252.0       | 2005/06 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 276.0       | 100.0%  | 264.0       | 2004/05 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 288.0       | 100.0%  | 276.0       | 2003/04 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 300.0       | 100.0%  | 288.0       | 2002/03 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 312.0       | 100.0%  | 300.0       | 2001/02 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 324.0       | 100.0%  | 312.0       | 2000/01 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 336.0       | 100.0%  | 324.0       | 1999/00 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 348.0       | 100.0%  | 336.0       | 1998/99 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 360.0       | 100.0%  | 348.0       | 1997/98 |
| 0   | 1.00    | 0                     | 0                   | 0                        | 35.0% *  | 100.0%         | 372.0       | 100.0%  | 360.0       | 1996/97 |
| \$0   | 1.00    | \$0                   | \$0                 | \$0                      | 35.0% *  | 100.0%         | 384.0       | 100.0%  | 372.0       | 1995/96 |
| (11)  | (10)    | (9)                   | (8)                 | (7)                      | (6)  | (5)            | (4)         | (3)     | (2)         | (1)     |
| (9)X(10)                                      | Factor  | (7)-(8)               | (6)X(7)             | 9/30/26                  | (100.0%-(3))   | Paid           | 9/30/27     | Paid    | 9/30/26     | Period  |
| 9/30/27                                       | Value   | 9/30/27               | Paid                | Losses                   | ((5)-(3))/   | Losses         | Development | Losses  | Development | Claim   |
| Present Value of Estimated Outstanding Losses | Present | Estimated Outstanding | Projected<br>Losses | Estimated<br>Outstanding | Outstanding<br>Losses<br>Paid<br>10/1/26 to<br>9/30/27 | Percent        | Months of   | Percent | Months of   |         |
|   |         |                       |                     |                          | Percent  |                |             |         |             |         |

<sup>\* -</sup> Limited to a maximum of 35% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit LE-2 (page 1).

<sup>(7)</sup> to 2025/26 is from Exhibit LE-11 (page 4), (9). The amount for 2026/27 is from Exhibit LE-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit LE-2 (page 1).

# Loss Rate and Severity Trend

|         |             |          |           | Loss Rate   |          | Severity |
|---------|-------------|----------|-----------|-------------|----------|----------|
|         | Legislative | Residual | Retention | Trend       | Exposure | Trend    |
|         | Trend       | Trend    | Index     | (2022/23    | Trend    | (2022/23 |
| Claim   | (2022/23    | (2022/23 | (2022/23  | = 1.000)    | (2022/23 | = 1.000) |
| Period  | = 1.000)    | = 1.000) | = 1.000)  | (2)X(3)X(4) | = 1.000) | (5)X(6)  |
| (1)     | (2)         | (3)      | (4)       | (5)         | (6)      | (7)      |
|         |             |          |           |             |          |          |
| 2017/18 | 1.000       | 1.276    | 1.000     | 1.276       | 1.000    | 1.276    |
| 2018/19 | 1.000       | 1.216    | 1.000     | 1.216       | 1.000    | 1.216    |
| 2019/20 | 1.000       | 1.158    | 1.000     | 1.158       | 1.000    | 1.158    |
| 2020/21 | 1.000       | 1.103    | 1.000     | 1.103       | 1.000    | 1.103    |
| 2021/22 | 1.000       | 1.050    | 1.000     | 1.050       | 1.000    | 1.050    |
|         |             |          |           |             |          |          |
| 2022/23 | 1.000       | 1.000    | 1.000     | 1.000       | 1.000    | 1.000    |
| 2023/24 | 1.000       | 0.952    | 1.000     | 0.952       | 1.000    | 0.952    |
| 2024/25 | 1.000       | 0.907    | 1.000     | 0.907       | 1.000    | 0.907    |
| 2025/26 | 1.000       | 0.864    | 1.000     | 0.864       | 1.000    | 0.864    |
| 2026/27 | 1.000       | 0.823    | 1.000     | 0.823       | 1.000    | 0.823    |
|         |             |          |           |             |          |          |

<sup>(2)</sup> is based on industry statistics and actuarial judgment.

<sup>(3)</sup> is based on 5% trend per actuarial judgment.

<sup>(4)</sup> is based on industry statistics and actuarial judgment.

<sup>(6)</sup> is based on 0% trend.

# List of Large Claims

| Claim<br>Number<br>(1) | Date of<br>Loss<br>(2) | Claim<br>Period<br>(3) | Assumed<br>Maxium<br>(4) | Limited<br>Paid<br>Losses<br>9/30/22<br>(5) | Limited<br>Case<br>Reserves<br>9/30/22<br>(6) | Limited<br>Reported<br>Incurred<br>Losses<br>9/30/22<br>(7) |
|------------------------|------------------------|------------------------|--------------------------|---|---|---|
| EF2016009233-1         | 4/5/2016               | 2015/16                | \$88,178 A               | \$25,678                                    | \$50,000 *                                    | \$75,678  |
| FA2016009191-1         | 4/28/2016              | 2015/16                | 358,977 A                | 39,092                                      | 255,908 *                                     | 295,000   |
| EF2017008811-1         | 3/24/2017              | 2016/17                | 293,417 A                | 167,923                                     | 100,395 *                                     | 268,318 *   |
| FA2017008934-1         | 11/12/2017             | 2017/18                | 454,580 A                | 260,830                                     | 155,000 *                                     | 415,830 *   |
| EF2018009260-1         | 4/9/2018               | 2017/18                | 73,122 A                 | 7,513                                       | 52,487 *                                      | 60,000 *  |
| POL-EF20180005-1       | 4/20/2018              | 2017/18                | 121,880 A                | 37,480                                      | 67,521 *                                      | 105,000 *   |
| POL-CIV20180012-1      | 10/25/2018             | 2018/19                | 112,054 A                | 26,784                                      | 68,216 *                                      | 95,000 *  |
| POL-FA20220003-1       | 12/3/2018              | 2018/19                | 187,500 I                | 0   | 150,000 *                                     | 150,000 *   |
| POL-EF20220002-1       | 2/4/2019               | 2018/19                | 1,191,880 A              | 18,120                                      | 586,880 *                                     | 605,000   |
| EF2019009207-1         | 12/10/2019             | 2019/20                | 217,844 A                | 142,844 *                                   | 60,000 *                                      | 202,844 *   |
| POL-EF20210001-1       | 7/25/2021              | 2020/21                | 130,109 A                | 17,063 *                                    | 90,438 *                                      | 107,500 *   |
| POL-FA20210009-1       | 11/23/2021             | 2021/22                | 275,000 I                | 0   | 137,500 *                                     | 137,500 *   |

City of Miami Beach, Florida General Liability

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| \$43,782,571             | \$2,899,760           | \$40,882,814              | 114                        | 5,149              |              |                          |           |                          | Total      |
|--------------------------|-----------------------|---------------------------|----------------------------|--------------------|--------------|--------------------------|-----------|--------------------------|------------|
| 424,141                  | 291,952               | 132,189                   | 27                         | 61                 | 173,411      | 12.0                     | None      | Tort cap                 | 2021/22    |
| 732,776                  | 624,346               | 108,431                   | 19                         | 66                 | 168,443      | 24.0                     | None      | Tort cap                 | 2020/21    |
| 1,150,946                | 985,367               | 165,579                   | 22                         | 66                 | 166,025      | 36.0                     | None      | Tort cap                 | 2019/20    |
| 1,429,216                | 675,779               | 753,438                   | 24                         | 98                 | 164,860      | 48.0                     | None      | Tort cap                 | 2018/19    |
| 1,312,225                | 120,799               | 1,191,427                 | 1                          | 100                | 164,071      | 60.0                     | None      | Tort cap                 | 2017/18    |
| 1,726,464                | 194,017               | 1,532,447                 | 10                         | 114                | 166,079      | 72.0                     | None      | Tort cap                 | 2016/17    |
| 916,765                  | 7,500                 | 909,265                   | _                          | 105                | 151,687      | 84.0                     | None      | Tort cap                 | 2015/16    |
| 497,595                  | 0                     | 497,595                   | 0                          | 89                 | 141,271      | 96.0                     | None      | Tort cap                 | 2014/15    |
| 2,866,525                | 0                     | 2,866,525                 | 0                          | 89                 | 144,287      | 108.0                    | None      | Tort cap                 | 2013/14    |
| 1,191,811                | 0                     | 1,191,811                 | 0                          | 80                 | 135,454      | 120.0                    | None      | Tort cap                 | 2012/13    |
| 828,558                  | 0                     | 828,558                   | 0                          | 94                 | 144,516      | 132.0                    | None      | Tort cap                 | 2011/12    |
| 1,023,569                | 0                     | 1,023,569                 | 0                          | 86                 | 140,288      | 144.0                    | None      | Tort cap                 | 2010/11    |
| 521,840                  | 0                     | 521,840                   | 0                          | 78                 | 139,615      | 156.0                    | None      | Tort cap                 | 2009/10    |
| 686,156                  | 0                     | 686,156                   | 0                          | 99                 | 135,954      | 168.0                    | None      | Tort cap                 | 2008/09    |
| 452,661                  | 0                     | 452,661                   | 0                          | 90                 | 129,842      | 180.0                    | None      | Tort cap                 | 2007/08    |
| 461,812                  | 0                     | 461,812                   | 0                          | 89                 | 122,895      | 192.0                    | None      | Tort cap                 | 2006/07    |
| 300,318                  | 0                     | 300,318                   | 0                          | 93                 | 112,300      | 204.0                    | None      | Tort cap                 | 2005/06    |
| 617,810                  | 0                     | 617,810                   | 0                          | 89                 | 84,786       | 216.0                    | None      | Tort cap                 | 2004/05    |
| 878,338                  | 0                     | 878,338                   | 0                          | 131                | 83,289       | 228.0                    | None      | Tort cap                 | 2003/04    |
| 689,865                  | 0                     | 689,865                   | 0                          | 132                | 76,473       | 240.0                    | None      | Tort cap                 | 2002/03    |
| 846,109                  | 0                     | 846,109                   | 0                          | 126                | 70,303       | 252.0                    | None      | Tort cap                 | 2001/02    |
| 941,886                  | 0                     | 941,886                   | 0                          | 134                | 73,865       | 264.0                    | None      | Tort cap                 | 2000/01    |
| 1,077,808                | 0                     | 1,077,808                 | 0                          | 132                | 74,809       | 276.0                    | None      | Tort cap                 | 1999/00    |
| 996,253                  | 0                     | 996,253                   | 0                          | 113                | 68,497       | 288.0                    | None      | Tort cap                 | 1998/99    |
| 1,291,583                | 0                     | 1,291,583                 | 0                          | 164                | 61,976       | 300.0                    | None      | Tort cap                 | 1997/98    |
| 1,208,829                | 0                     | 1,208,829                 | 0                          | 172                | 57,231       | 312.0                    | None      | Tort cap                 | 1996/97    |
| \$18,710,712             | \$0                   | \$18,710,712              | 0                          | 2,459              | Not provided | 324.0                    | None      | Tort cap                 | To 1995/96 |
| (10)                     | (9)                   | (8)                       | (7)                        | (6)                | (5)          | (4)                      | (3)       | (2)                      | (1)        |
| 9/30/22                  | 9/30/22               | 9/30/22                   | 9/30/22                    | 9/30/22            | (000)        | 9/30/22                  | Retention | Retention                | Period     |
| Reported Incurred Losses | Limited Case Reserves | Limited<br>Paid<br>Losses | Reported<br>Open<br>Claims | Reported<br>Claims | Payroll      | Months of<br>Development | Aggregate | Specific<br>Self-Insured | Claim      |
| Limited                  |                       |                           |                            |                    |              |                          |           |                          |            |

# Summary of Percent Losses Paid, Losses Reported and Claims Reported

| Months of<br>Development<br>(1) | Percent<br>Losses<br>Paid<br>(2) | Percent<br>Losses<br>Reported<br>(3) | Percent<br>Claims<br>Reported<br>(4) |
|---------------------------------|----------------------------------|--------------------------------------|--------------------------------------|
| 360.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 348.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 336.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 324.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 312.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 300.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 288.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 276.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 264.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 252.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 240.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 228.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 216.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 204.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 192.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 180.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 168.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 156.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 144.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 132.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 120.0                           | 99.5%                            | 100.0%                               | 100.0%                               |
| 108.0                           | 98.5%                            | 99.5%                                | 100.0%                               |
| 96.0                            | 96.6%                            | 98.5%                                | 100.0%                               |
| 84.0                            | 94.3%                            | 96.6%                                | 100.0%                               |
| 72.0                            | 90.7%                            | 93.8%                                | 99.5%                                |
| 60.0                            | 85.5%                            | 89.4%                                | 98.5%                                |
| 48.0                            | 79.6%                            | 83.1%                                | 95.7%                                |
| 36.0                            | 66.3%                            | 75.6%                                | 92.0%                                |
| 24.0                            | 41.4%                            | 50.4%                                | 83.6%                                |
| 12.0                            | 12.8%                            | 21.0%                                | 66.9%                                |

<sup>(2)</sup> is from Exhibit GL-2 (page 2).

<sup>(3)</sup> is from Exhibit GL-2 (page 3).

<sup>(4)</sup> is from Exhibit GL-2 (page 4).

Exhibit GL-2 (page 2)

Historical Unlimited and Gross of Recoveries Paid Losses (\$000) and Unlimited and Gross of Recoveries Paid Loss Development

| Selected Cumulative Percent Losses Paid | Previous | All Wtd 3 Last 3 Last 5 x-hi,low | 2002/03<br>2003/04<br>2004/05<br>2005/06<br>2005/06<br>2006/09<br>2008/09<br>2008/09<br>2011/12<br>2011/12<br>2013/14<br>2013/14<br>2013/14<br>2013/14<br>2013/14<br>2013/14<br>2016/17<br>2016/17<br>2017/18<br>2018/17<br>2019/20<br>2020/21  | Claim<br>Period                     | L. Historical Unlimited and Gross of Recoveries Paid Losses (\$000)  Claim Period 12 24 36 2002/03 5174 \$188 2003/04 2006/07 2006/07 2006/07 2006/07 2006/07 2007/08 2008/09 2010/11 2006/07 2011/12 2011/12 2011/13 2011/14 2009/10 2011/14 2009/10 2011/15 2011/16 2011/16 2011/18 20 |
|---|----------|----------------------------------|---|-------------------------------------|--|
| s Paid                                  | <b>3</b> |                                  |   |                                     | nited and Gross  |
| 3.250<br>7.842<br>12.8%                 | 3.500    | 5.662<br>3.919<br>5.626<br>2.476 | 2,066<br>2,4638<br>2,037<br>1,631<br>1,631<br>3,263<br>1,702<br>2,553<br>2,255<br>2,253<br>2,275<br>3,030<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203<br>31,203   | 12-24                               | 12<br>\$174<br>\$174<br>16<br>18<br>58<br>54<br>85<br>50<br>50<br>50<br>50<br>50<br>50<br>50<br>50<br>50<br>5  |
| 1.600<br>2.413<br>41.4%                 | 1.600    | 2.011<br>1.251<br>1.504<br>1.485 | 2.105<br>1.589<br>1.489<br>1.482<br>2.211<br>3.307<br>2.038<br>1.998<br>3.428<br>1.499<br>3.714<br>1.705<br>2.175<br>1.1645<br>1.1083<br>1.687<br>1.740   | 24-36                               | 24 - \$185   145   145   145   148   191     |
| 1.200<br>1.508<br>66.3%                 | 1.250    | 1.354<br>1.183<br>1.156<br>1.127 | 1.244<br>1.116<br>1.66<br>1.676<br>1.076<br>1.236<br>1.297<br>2.351<br>1.091<br>2.351<br>1.090<br>1.297<br>1.090<br>1.297<br>1.090<br>1.354   | 36-48                               | \$389<br>643<br>213<br>249<br>422<br>302<br>441<br>165<br>405<br>407<br>222<br>1,603<br>252<br>1,203<br>252<br>1,406<br>705<br>1,476<br>705  |
| 1.075<br>1.257<br>79.6%                 | 1.100    | 1.071<br>0.823<br>0.864<br>1.015 | 1.030<br>1.007<br>1.401<br>1.028<br>1.017<br>1.037<br>1.161<br>1.084<br>1.070<br>1.037<br>1.037<br>1.037<br>1.039<br>1.521<br>0.836<br>1.160<br>0.596   | 48-60                               | \$484<br>718<br>718<br>336<br>297<br>454<br>373<br>482<br>374<br>665<br>417<br>522<br>1,696<br>275<br>983<br>1,306<br>1,999<br>753   |
| 1.060<br>1.169<br>85.5%                 | 1.075    | 1.084<br>1.049<br>1.065<br>1.075 | 1.009<br>1.099<br>1.091<br>1.018<br>1.0045<br>1.004<br>1.009<br>1.009<br>1.009<br>1.042<br>1.123<br>1.124<br>1.124<br>1.104<br>1.104  | 60-72                               | \$448<br>723<br>499<br>305<br>461<br>882<br>531<br>1,779<br>418<br>822<br>1,515  |
| 1.040<br>1.103<br>90.7%                 | 1.040    | 1.050<br>1.045<br>1.023<br>1.030 | 1.192<br>1.000<br>1.000<br>1.000<br>1.004<br>1.137<br>1.140<br>1.000<br>1.000<br>1.012<br>1.012<br>1.072<br>1.092   | 72-84                               | \$503<br>\$503<br>794<br>544<br>311<br>482<br>385<br>547<br>503<br>721<br>647<br>1,998<br>451<br>908<br>1,532  |
| 1.025<br>1.061<br>94.3%                 | 1.025    | 1.053<br>1.254<br>1.172<br>1.082 | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000 | 84-96                               | \$600<br>794<br>542<br>312<br>482<br>482<br>482<br>503<br>771<br>745<br>570<br>2,116<br>447  |
| 1.020<br>1.035<br>96.6%                 | 1.020    | 1.115<br>1.136<br>1.318<br>1.096 | 1.000<br>1.000<br>1.000<br>0.980<br>0.980<br>1.153<br>1.000<br>1.289<br>1.000<br>1.955<br>1.000   | 96-108                              | \$654<br>544<br>544<br>312<br>312<br>483<br>483<br>625<br>511<br>721<br>792<br>610<br>2,867  |
| 1.010<br>1.015<br>98.5%                 | 1.010    | 1.009<br>1.013<br>1.015<br>1.000 | 1.000<br>1.000<br>1.046<br>1.001<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   | 108-120                             | \$654<br>\$654<br>794<br>505<br>625<br>625<br>627<br>792<br>1,192<br>2,867   |
| 1.005<br>1.005<br>99.5%                 | 1.005    | 1.010<br>1.041<br>1.034<br>1.000 | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.100  | Months<br>120-132                   | Months<br>120<br>\$654<br>794<br>569<br>306<br>483<br>505<br>625<br>511<br>930<br>829<br>1,192   |
| 1.000<br>1.000<br>100.0%                | 1.000    | 1.002<br>1.005<br>1.007<br>1.000 | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.022   | Months of Developme<br>-132 132-144 |  |
| 1.000<br>1.000<br>100.0%                | 1.000    | 1.012<br>1.037<br>1.033<br>1.000 | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   | nt:<br>144-156                      | **************************************   |
| 1.000<br>1.000<br>100.0%                | 1.000    | 0.985<br>0.969<br>0.965<br>1.000 | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>0.896<br>1.000   | 156-168                             | \$654<br>\$654<br>794<br>569<br>306<br>483<br>505<br>686<br>686<br>522   |
| 1.000<br>1.000<br>100.0%                | 1.000    | 0.993<br>0.983<br>0.985<br>1.000 | 1.000<br>1.000<br>1.000<br>1.000<br>0.956<br>1.000  | 168-180                             | \$654<br>\$654<br>794<br>569<br>306<br>483<br>483<br>686   |
| 1.000<br>1.000<br>100.0%                | 1.000    | 0.996<br>0.996<br>0.994<br>1.000 | 1.000<br>1.000<br>1.000<br>0.981  |                                     | \$654<br>794<br>569<br>306<br>462<br>453   |
| 1.000<br>1.000<br>100.0%                | 1.000    | 1.021<br>1.029<br>1.029          | 1.000<br>1.000<br>1.086<br>1.000  | 192-204                             | \$654<br>794<br>569<br>300<br>462  |
| 1.000<br>1.000<br>100.0%                | 1.000    | 1.035<br>1.041<br>1.035          | 1.000<br>1.106<br>1.000   |                                     | 204<br>\$654<br>794<br>618<br>300  |
| 1.000<br>1.000<br>100.0%                | 1.000    | 1.027                            | 1.055   |                                     | \$654<br>878<br>618  |
| 1.000<br>1.000<br>100.0%                | 1.000    | 1.000                            | 1.000   | 228-240                             | \$690<br>878   |
| 1.000<br>1.000<br>100.0%                | 1.000    |                                  |   | 240-Ult                             | \$690  |

Section I was provided by the City and previous actuarial studies. Shaded area is the old database.

City of Miami Beach, Florida General Liability Exhibit GL-2 (page 3)

Historical Unlimited and Gross of Recoveries Reported Incurred Losses (\$000) and Unlimited and Gross of Recoveries Reported Incurred Loss Development

I. Historical Unlimited and Gross of Recoveries Reported Incurred Losses (\$000)

| Percer                                      |          | All Wtd 3 Last 3 Last 5 x-hi,low |   |                       | II. Uniin   |  |
|---|----------|----------------------------------|---|-----------------------|---|--|
| Selected Cumulative Percent Losses Reported | Previous | Average                          | 2002/03 2003/04 2004/05 2005/06 2005/06 2006/07 2007/08 2008/09 2009/10 2010/11 2011/12 2011/12 2011/14 2011/15 2014/15 2016/16 2016/17 2017/18 2018/19 2018/19 2018/19 2018/19 2018/19 | Claim<br>Period       | Claim         Claim         12         24         36           Period         12         36         \$459         \$588           2002/03         \$356         \$475         900         975           2003/04         475         900         975           2005/06         492         768         839           2005/07         347         651         807           2008/09         342         490         582           2009/10         232         359         491           2011/11         229         477         743           2011/12         701         883         1,06           2011/13         319         281         364           2013/14         306         1,155         1,848           2013/15         672         628         1,065           2016/17         535         1,601         1,739           2016/17         535         1,601         1,739           2016/17         535         1,601         1,739           2016/17         535         1,601         1,739           2016/17         535         1,601         1,739           2016/17 </td <td></td> |  |
| 2.400<br>4.764<br>21.0%                     | 2.000    | 1.783<br>2.313<br>2.452<br>2.297 | 1.290<br>1.893<br>1.560<br>1.865<br>1.877<br>1.433<br>1.502<br>1.502<br>1.508<br>2.084<br>2.084<br>2.088<br>1.259<br>0.406<br>0.935<br>2.991<br>1.407<br>2.493<br>1.106<br>3.756        | 12-24                 | \$356<br>475<br>475<br>482<br>346<br>346<br>347<br>347<br>342<br>293<br>293<br>293<br>293<br>293<br>293<br>293<br>293<br>293<br>29  |  |
| 1.500<br>1.985<br>50.4%                     | 1.350    | 1.429<br>1.393<br>2.008<br>1.384 | 1.281<br>1.084<br>1.092<br>0.878<br>1.240<br>1.1240<br>1.1368<br>1.368<br>1.560<br>1.600<br>1.822<br>1.694<br>1.086<br>1.026<br>1.026<br>1.026<br>1.026                                 | 24-36                 | \$459<br>900<br>768<br>583<br>651<br>490<br>441<br>490<br>441<br>359<br>477<br>477<br>483<br>281<br>1,155<br>292<br>628<br>1,601<br>1,1884<br>908<br>318<br>318<br>733  |  |
| 1.100<br>1.323<br>75.6%                     | 1.100    | 1.085<br>1.127<br>1.125<br>1.133 | 1.144<br>0.921<br>0.696<br>0.988<br>0.988<br>0.752<br>1.076<br>0.985<br>1.257<br>1.278<br>1.126<br>1.126<br>1.127<br>1.122<br>1.132<br>1.132<br>1.132<br>1.146                          | 36-48                 | \$588<br>\$75<br>875<br>875<br>875<br>877<br>582<br>603<br>491<br>743<br>1,066<br>364<br>1,848<br>1,848<br>1,848<br>1,739<br>1,739<br>1,739<br>1,739<br>1,739<br>1,739<br>1,151   |  |
| 1.075<br>1.203<br>83.1%                     | 1.075    | 0.915<br>0.771<br>0.818<br>0.973 | 0.979 0.986 0.986 0.738 0.900 0.844 1.054 1.054 1.033 1.070 1.005 1.035 1.035 0.956 0.956   | 48-60                 | \$673<br>898<br>5867<br>898<br>584<br>506<br>607<br>627<br>594<br>617<br>950<br>1,133<br>572<br>1,889<br>602<br>1,172<br>1,189<br>1,722<br>1,194<br>1,722<br>1,194<br>1,722<br>1,194<br>1,722<br>1,194  |  |
| 1.050<br>1.119<br>89.4%                     | 1.050    | 0.995<br>1.028<br>1.025<br>1.037 | 0.837<br>1.046<br>0.963<br>0.932<br>0.937<br>1.000<br>1.026<br>1.094<br>0.775<br>0.921<br>1.026<br>1.291<br>1.030<br>0.990  | 60-72                 | \$659<br>773<br>575<br>576<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>527<br>626<br>626<br>626<br>626<br>626<br>627<br>627<br>627<br>627<br>6   |  |
| 1.030<br>1.066<br>93.8%                     | 1.030    | 1.000<br>0.922<br>0.875<br>0.961 | 1.194<br>0.983<br>1.000<br>0.964<br>1.000<br>1.100<br>1.118<br>0.800<br>0.997<br>1.150<br>1.068<br>0.997<br>0.818<br>0.811  | 72-84                 | \$552<br>809<br>554<br>348<br>512<br>527<br>642<br>666<br>761<br>803<br>590<br>2,523<br>1,130<br>1,726  |  |
| 1.020<br>1.035<br>96.6%                     | 1.020    | 1.011<br>1.103<br>1.058<br>1.017 | 1.022<br>1.000<br>0.996<br>0.985<br>0.986<br>0.886<br>0.880<br>0.085<br>1.000<br>0.985<br>1.000<br>0.985  | ı                     | \$658<br>795<br>554<br>336<br>512<br>580<br>718<br>525<br>759<br>923<br>630<br>2,515<br>514   |  |
| 1.010<br>1.015<br>98.5%                     | 1.010    | 1.066<br>1.105<br>1.238<br>1.091 | 0.986<br>0.999<br>1,000<br>0.950<br>0.958<br>0.883<br>0.892<br>1,200<br>1,274<br>0.941<br>1,774<br>1,000  | ı                     | \$673<br>795<br>552<br>331<br>514<br>572<br>632<br>632<br>580<br>759<br>900<br>672<br>2.867<br>498  |  |
| 1.005<br>1.005<br>99.5%                     | 1.005    | 1.001<br>0.991<br>0.990<br>1.000 | 0.989<br>1.000<br>1.054<br>0.999<br>0.961<br>1.000<br>1.044<br>1.000<br>0.968   |                       | \$664<br>794<br>552<br>314<br>513<br>506<br>627<br>580<br>967<br>1,192<br>2,867   |  |
| 1.000<br>1.000<br>100.0%                    | 1.000    | 1.012<br>1.024<br>1.019<br>1.000 | 1.000<br>1.000<br>1.006<br>0.975<br>0.975<br>1.000<br>1.000<br>1.000<br>1.000   | Months of 120-132     | Months of 120  \$656 794 582 314 493 505 664 580 967 829 1,192  |  |
| 1.000<br>1.000<br>100.0%                    | 1.000    | 0.974<br>0.961<br>0.952<br>0.985 | 1.000<br>1.000<br>0.908<br>1.000<br>1.000<br>0.955<br>0.900   | Months of Development | Months of Development:  200 132 201 3856 \$666 \$664 \$654 \$654 \$654 \$654 \$654 \$6  |  |
| 1.000<br>1.000<br>100.0%                    | 1.000    | 1.017<br>1.037<br>1.033<br>1.000 | 1.038<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.098   | 44-156                | \$656<br>794<br>574<br>306<br>493<br>505<br>625<br>522<br>1,024   |  |
| 1.000<br>1.000<br>100.0%                    | 1.000    | 0.985<br>0.969<br>0.965<br>1.000 | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>0.896   |                       | \$681<br>794<br>574<br>306<br>493<br>505<br>686<br>522  |  |
| 1.000<br>1.000<br>100.0%                    | 1.000    | 0.990<br>0.975<br>0.979<br>1.000 | 1.001<br>1.000<br>1.000<br>1.000<br>0.937<br>1.000  |                       | \$681<br>794<br>574<br>574<br>574<br>574<br>576<br>686  |  |
| 1.000<br>1.000<br>100.0%                    | 1.000    | 0.995<br>0.992<br>0.991<br>0.997 | 1.000<br>1.000<br>0.991<br>0.981<br>1.000   |                       | \$682<br>794<br>574<br>306<br>462<br>453  |  |
| 1.000<br>1.000<br>100.0%                    | 1.000    | 1.021<br>1.029<br>1.029          | 1.000<br>1.086<br>1.000   |                       | \$682<br>794<br>5689<br>300<br>462  |  |
| 1.000<br>1.000<br>100.0%                    | 1.000    | 1.022<br>1.027<br>1.022          | 0.960<br>1.106<br>1.000   |                       | \$682<br>794<br>618<br>300  |  |
| 1.000<br>1.000<br>100.0%                    | 1.000    | 1.027                            | 1.000   |                       | \$654<br>878<br>618   |  |
| 1.000<br>1.000<br>100.0%                    | 1.000    | 1.000                            |   | 228-240               | \$690<br>878  |  |
| 1.000<br>1.000<br>100.0%                    | 1.000    |                                  |   | 240-Ult               | \$690   |  |

Section I was provided by the City and previous actuarial studies. Shaded area is the old database.

Historical Reported Claims and Reported Claim Development

| Section I was p  | Sek<br>Cum<br>Percent Cla                         | Pre      | All Wtd 3 Last 3 Last 5 x-hi,low | 200<br>200<br>200<br>200<br>200<br>200<br>200<br>201<br>201<br>201  | CI<br>Pe               | 200<br>200<br>200<br>200<br>200<br>200<br>201<br>201<br>201<br>201   | I. Historical I  |
|--|---|----------|----------------------------------|---|------------------------|--|--|
| Section I was provided by the City and previous actuarial studies. Shaded area is the old database | Selected<br>Cumulative<br>Percent Claims Reported | Previous | Average                          | 2002/03<br>2004/04<br>2004/05<br>2005/06<br>2005/06<br>2006/07<br>2009/10<br>2010/1<br>2011/13<br>2011/13<br>2013/14<br>2014/15<br>2016/17<br>2017/18<br>2017/18<br>2017/18<br>2018/17<br>2017/18<br>2018/17<br>2017/18 | Claim<br>Period        | 2004/05<br>2005/06<br>2005/06<br>2006/07<br>2006/07<br>2008/09<br>2008/10<br>2010/11<br>2011/12<br>2012/13<br>2012/13<br>2015/16<br>2015/16<br>2015/16<br>2016/17<br>2011/18<br>2018/19<br>2018/19<br>2018/19<br>2019/20<br>2021/22<br>2021/22 | I. Historical Reported Claims Claim Period 2002/03 2003/04 |
| City and previo  | 1.250<br>1.495<br>66.9%                           | 1.500    | #REF!                            | #.Z.EF1   | 12-24                  | #REF!<br>61  | 12   |
| ous actuarial s  | 1.100<br>1.196<br>83.6%                           | 1.100    | #REF!                            | # <i>R</i> ETI  | 24-36                  | #REF! 66   | 24   |
| tudies. Shade  | 1.040<br>1.087<br>92.0%                           | 1.040    | #REF!                            | ######################################  | 36-48                  | #REF!  | 36   |
| d area is the o  | 1.030<br>1.045<br>95.7%                           | 1.030    | #REF!                            | ##<br>EE<br>FI  | 48-60                  | #REF!<br>98  | 48   |
| old database.  | 1.010<br>1.015<br>98.5%                           | 1.010    | #REFI                            | #200E   | 60-72                  | #REF!  | 60   |
|  | 1.005<br>1.005<br>99.5%                           | 1.005    | #REF!                            | ######################################  | 72-84                  | #REF!<br>114   | 72   |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REF!                            | #REF!   | 84-96                  | #REF!<br>105   | 84   |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REFI                            | ##<br>##<br>##<br># III   | 96-108                 | #지터된<br>89   | 96   |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REF!                            | #R<br>E<br>T :  | 108-120                | #REF!  | 108  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REF!                            | #ДEF!   | Months<br>120-132      | #REF!<br>80  | Months 120   |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REF!                            | # 7 mm Ti   | Months of Development: | #REF!<br>94  | Months of Development: 120 132                             |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REF!                            |   | 44-156                 | #REF!<br>86  | nt: 144  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REF!                            |   | 156-168                | #REF!<br>78  | 156  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REF!                            |   | 168-180                | #REF!  | 168  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REF!                            |   | 180-192                | #REF!<br>90  | 180  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REF!                            |   | 192-204                | #REF1<br>89  | 192  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REF!                            |   | 204-216                | *RET***  | 204  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REF!                            |   | 216-228                | 89   | #REF!  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    | #REF!                            |   | 228-240                |  | 228<br>#REF!<br>131  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |                                  |   | 240-Ult                |  | 240  |

Developed Limited Paid Losses, Reported Incurred Losses and Case Reserves

| Claim<br>Period<br>(1) | Months of<br>Development<br>9/30/22<br>(2) | Percent<br>Losses<br>Paid<br>(3) | Percent<br>Losses<br>Reported<br>(4) | Percent<br>Losses<br>Reserved<br>9/30/22<br>((4)-(3))/<br>(100.0%-(3))<br>(5) | Limited<br>Paid<br>Losses<br>9/30/22<br>(6) | Limited<br>Case<br>Reserves<br>9/30/22<br>(7) | Limited<br>Reported<br>Incurred<br>Losses<br>9/30/22<br>(8) | Developed<br>Limited<br>Paid<br>Losses<br>(6)/(3)<br>(9) | Developed<br>Limited<br>Reported<br>Incurred<br>Losses<br>(8)/(4)<br>(10) | Developed<br>Limited<br>Case<br>Reserves<br>(6)+(7)/(5)<br>(11) |
|------------------------|--|----------------------------------|--------------------------------------|---|---|---|---|--|---|---|
| To 1995/96             | 324.0                                      | 100.0%                           | 100.0%                               | 100.0%  | \$18,710,712                                | \$0   | \$18,710,712  | \$18,710,712   | \$18,710,712  | \$18,710,712  |
| 1996/97                | 312.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 1,208,829                                   | 0   | 1.208.829   | 1.208.829  | 1.208.829   | 1,208,829   |
| 1997/98                | 300.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 1,291,583                                   | 0   | 1,291,583   | 1,291,583  | 1,291,583   | 1,291,583   |
| 1998/99                | 288.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 996,253                                     | 0   | 996,253   | 996,253  | 996,253   | 996,253   |
| 1999/00                | 276.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 1,077,808                                   | 0   | 1,077,808   | 1,077,808  | 1,077,808   | 1,077,808   |
| 2000/01                | 264.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 941,886                                     | 0   | 941,886   | 941,886  | 941,886   | 941,886   |
| 2001/02                | 252.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 846,109                                     | 0   | 846,109   | 846,109  | 846,109   | 846,109   |
| 2002/03                | 240.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 689,865                                     | 0   | 689,865   | 689,865  | 689,865   | 689,865   |
| 2003/04                | 228.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 878,338                                     | 0   | 878,338   | 878,338  | 878,338   | 878,338   |
| 2004/05                | 216.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 617,810                                     | 0   | 617,810   | 617,810  | 617,810   | 617,810   |
| 2005/06                | 204.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 300,318                                     | 0   | 300,318   | 300,318  | 300,318   | 300,318   |
| 2006/07                | 192.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 461,812                                     | 0   | 461,812   | 461,812  | 461,812   | 461,812   |
| 2007/08                | 180.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 452,661                                     | 0   | 452,661   | 452,661  | 452,661   | 452,661   |
| 2008/09                | 168.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 686,156                                     | 0   | 686,156   | 686,156  | 686,156   | 686,156   |
| 2009/10                | 156.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 521,840                                     | 0   | 521,840   | 521,840  | 521,840   | 521,840   |
| 2010/11                | 144.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 1,023,569                                   | 0   | 1,023,569   | 1,023,569  | 1,023,569   | 1,023,569   |
| 2011/12                | 132.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 828,558                                     | 0   | 828,558   | 828,558  | 828,558   | 828,558   |
| 2012/13                | 120.0                                      | 99.5%                            | 100.0%                               | 100.0%  | 1,191,811                                   | 0   | 1,191,811   | 1,197,800  | 1,191,811   | 1,191,811   |
| 2013/14                | 108.0                                      | 98.5%                            | 99.5%                                | 66.7%   | 2,866,525                                   | 0   | 2,866,525   | 2,910,178  | 2,880,930   | 2,866,525   |
| 2014/15                | 96.0                                       | 96.6%                            | 98.5%                                | 55.9%   | 497,595                                     | 0   | 497,595   | 515,109  | 505,173   | 497,595   |
| 2015/16                | 84.0                                       | 94.3%                            | 96.6%                                | 40.4%   | 909,265                                     | 7,500   | 916,765   | 964,226  | 949,032   | 927,852   |
| 2016/17                | 72.0                                       | 90.7%                            | 93.8%                                | 33.3%   | 1,532,447                                   | 194,017                                       | 1,726,464   | 1,689,578  | 1,840,580   | 2,114,498   |
| 2017/18                | 60.0                                       | 85.5%                            | 89.4%                                | 26.9%   | 1,191,427                                   | 120,798                                       | 1,312,225   | 1,393,482  | 1,467,813   | 1,640,548   |
| 2018/19                | 48.0                                       | 79.6%                            | 83.1%                                | 17.2%   | 753,438                                     | 675,778                                       | 1,429,216   | 946,530  | 1,719,875   | 4,080,101 *   |
| 2019/20                | 36.0                                       | 66.3%                            | 75.6%                                | 27.6%   | 165,579                                     | 985,367                                       | 1,150,946   | 249,742  | 1,503,645 *   | 2,325,212 *   |
| 2020/21                | 24.0                                       | 41.4%                            | 50.4%                                | 15.4%   | 108,431                                     | 624,345                                       | 732,776   | 261,911  | 1,404,185 *   | 2,069,501 *   |
| 2021/22                | 12.0                                       | 12.8%                            | 21.0%                                | 9.4%  | 132,189                                     | 291,952                                       | 424,141   | 563,904 *  | 1,567,516 *   | 2,805,142 *   |

<sup>(3)</sup> and (4) are based on Exhibit GL-2 (page 1).

<sup>(6), (7)</sup> and (8) are from Exhibit GL-1.

Preliminary Projected Ultimate Limited Losses to 2021/22

| Claim<br>Period<br>(1) | Developed<br>Limited<br>Paid<br>Losses<br>(2) | Developed<br>Limited<br>Reported<br>Incurred<br>Losses<br>(3) | Developed<br>Limited<br>Case<br>Reserves<br>(4) | Preliminary<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(5) |
|------------------------|---|---|---|--|
| To 1995/96             | \$18,710,712                                  | \$18.710.712  | \$18,710,712                                    | \$18,710,712   |
| 1996/97                | 1,208,829                                     | 1,208,829   | 1,208,829                                       | 1,208,829  |
| 1997/98                | 1,291,583                                     | 1,291,583   | 1,291,583                                       | 1,291,583  |
| 1998/99                | 996,253                                       | 996.253   | 996,253   | 996,253  |
| 1999/00                | 1,077,808                                     | 1,077,808   | 1,077,808                                       | 1,077,808  |
| 2000/01                | 941,886                                       | 941,886   | 941,886   | 941,886  |
| 2001/02                | 846,109                                       | 846,109   | 846,109   | 846,109  |
| 2002/03                | 689,865                                       | 689,865   | 689,865   | 689,865  |
| 2003/04                | 878,338                                       | 878,338   | 878,338   | 878,338  |
| 2004/05                | 617,810                                       | 617,810   | 617,810   | 617,810  |
| 2005/06                | 300,318                                       | 300,318   | 300,318   | 300,318  |
| 2006/07                | 461,812                                       | 461,812   | 461,812   | 461,812  |
| 2007/08                | 452,661                                       | 452,661   | 452,661   | 452,661  |
| 2008/09                | 686,156                                       | 686,156   | 686,156   | 686,156  |
| 2009/10                | 521,840                                       | 521,840   | 521,840   | 521,840  |
| 2010/11                | 1,023,569                                     | 1,023,569   | 1,023,569                                       | 1,023,569  |
| 2011/12                | 828,558                                       | 828,558   | 828,558   | 828,558  |
| 2012/13                | 1,197,800                                     | 1,191,811   | 1,191,811                                       | 1,191,811  |
| 2013/14                | 2,910,178                                     | 2,880,930   | 2,866,525                                       | 2,866,525  |
| 2014/15                | 515,109                                       | 505,173   | 497,595   | 497,595  |
| 2015/16                | 964,226                                       | 949,032   | 927,852   | 949,032  |
| 2016/17                | 1,689,578                                     | 1,840,580   | 2,114,498                                       | 1,840,580  |
| 2017/18                | 1,393,482                                     | 1,467,813   | 1,640,548                                       | 1,467,813  |
| 2018/19                | 946,530                                       | 1,719,875   | 4,080,101                                       | 1,719,875  |
| 2019/20                | 249,742                                       | 1,503,645   | 2,325,212                                       | 1,503,645  |
| 2020/21                | 261,911                                       | 1,404,185   | 2,069,501                                       | 1,404,185  |
| 2021/22                | 563,904                                       | 1,567,516   | 2,805,142                                       | 1,567,516  |

Subject to a minimum of Exhibit GL-1, (10) and minimum 25% of case reserves or \$10,000 per open claim as IBNR for claim periods with open claims.

| Claim<br>Period | Developed<br>Limited<br>Paid<br>Losses | Developed<br>Limited<br>Reported<br>Incurred<br>Losses | Developed<br>Limited<br>Case<br>Reserves |
|-----------------|--|--|--|
| to 2007/08      | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2008/09         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2009/10         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2010/11         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2011/12         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2012/13         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2013/14         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2014/15         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2015/16         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2016/17         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2017/18         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2018/19         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2019/20         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2020/21         | 0.0%                                   | 100.0%   | 0.0%                                     |
| 2021/22         | 0.0%                                   | 100.0%   | 0.0%                                     |

<sup>(2), (3)</sup> and (4) are from Exhibit GL-3.

<sup>(5)</sup> is based on (2) to (4), weighted as follows:

# Bornhuetter - Ferguson Analysis

### I. A-priori Loss Rate

| Claim<br>Period<br>(1) | Preliminary<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(2) | Payroll<br>(000)<br>(3) | Limited<br>Loss Rate<br>per \$1,000 of<br>Payroll<br>(2)/(3)<br>(4) | Loss Rate<br>Trend<br>(2022/23<br>= 1.000)<br>(5) | Trended Limited Loss Rate per \$1,000 of Payroll (4)X(5) (6) | Projected A-priori Loss Rate per \$1,000 of Payroll (7)/(5) (8) |
|------------------------|--|-------------------------|---|---|--|---|
| 2017/18                | \$1,467,813  | \$164,071               | \$8.95  | 1.051   | \$9.40   | \$8.99  |
| 2018/19                | 1,719,875  | 164,860                 | 10.43   | 1.041   | 10.86  | 9.08  |
| 2019/20                | 1,503,645  | 166,025                 | 9.06  | 1.030   | 9.33   | 9.17  |
| 2020/21                | 1,404,185  | 168,443                 | 8.34  | 1.020   | 8.50   | 9.26  |
| 2021/22                | 1,567,516  | 173,411                 | 9.04  | 1.010   | 9.13   | 9.35  |

(7) Projected 2022/23 a-priori loss rate per \$1,000 of Payroll

\$9.44

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

|         |             |         |                |           |              | B-F         |
|---------|-------------|---------|----------------|-----------|--------------|-------------|
|         |             |         | Projected      |           | B-F          | Ultimate    |
|         | Limited     |         | A-priori       |           | Unpaid       | Limited     |
|         | Paid        | Percent | Loss Rate      |           | Losses       | Paid        |
| Claim   | Losses      | Losses  | per \$1,000 of | Payroll   | (100.0%-(3)) | Losses      |
| Period  | 9/30/22     | Paid    | Payroll        | (000)     | X(4)X(5)     | (2)+(6)     |
| (1)     | (2)         | (3)     | (4)            | (5)       | (6)          | (7)         |
|         |             |         |                |           |              |             |
| 2017/18 | \$1,191,427 | 85.5%   | \$8.99         | \$164,071 | \$213,785    | \$1,405,212 |
| 2018/19 | 753,438     | 79.6%   | 9.08           | 164,860   | 305,242      | 1,058,680   |
| 2019/20 | 165,579     | 66.3%   | 9.17           | 166,025   | 512,890      | 678,469     |
| 2020/21 | 108,431     | 41.4%   | 9.26           | 168,443   | 913,888      | 1,022,319   |
| 2021/22 | 132,189     | 12.8%   | 9.35           | 173,411   | 1,414,028    | 1,546,217   |

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

| Claim<br>Period<br>(1) | Limited<br>Reported<br>Incurred<br>Losses<br>9/30/22<br>(2) | Percent<br>Losses<br>Reported<br>(3) | Projected<br>A-priori<br>Loss Rate<br>per \$1,000 of<br>Payroll<br>(4) | Payroll<br>(000)<br>(5) | B-F<br>Unreported<br>Losses<br>(100.0%-(3))<br>X(4)X(5)<br>(6) | B-F<br>Ultimate<br>Limited<br>Reported<br>Losses<br>(2)+(6)<br>(7) |
|------------------------|---|--------------------------------------|--|-------------------------|--|--|
| 2017/18                | \$1,312,225   | 89.4%                                | \$8.99   | \$164,071               | \$156,284  | \$1,468,509  |
| 2018/19                | 1,429,216   | 83.1%                                | 9.08   | 164,860                 | 252,872  | 1,682,088  |
| 2019/20                | 1,150,946   | 75.6%                                | 9.17   | 166,025                 | 371,350  | 1,522,296  |
| 2020/21                | 732,776   | 50.4%                                | 9.26   | 168,443                 | 773,530  | 1,506,306  |
| 2021/22                | 424,141   | 21.0%                                | 9.35   | 173,411                 | 1,281,057  | 1,705,198  |

Section I, (2) is from Exhibit GL-4.

Section I, (3), Section II, (5) and Section III, (5) were provided by the City.

Section I, (5) is from Exhibit GL-12.

Section I, (7) is based on Section I, (6) and the following weights:

| Claim<br>Period | Weight |
|-----------------|--------|
| 2017/18         | 20.0%  |
| 2018/19         | 20.0%  |
| 2019/20         | 20.0%  |
| 2020/21         | 20.0%  |
| 2021/22         | 20.0%  |

Sections II and III, (2) are from Exhibit GL-1.

Sections II and III, (3) are based on Exhibit GL-2 (page 1).

Sections II and III, (4) are from Section I, (8).

## Frequency Times Severity Analysis

## I. Projected Ultimate Claims

| Claim<br>Period<br>(1) | Months of<br>Development<br>9/30/22<br>(2) | Reported<br>Claims<br>9/30/22<br>(3) | Percent<br>Claims<br>Reported<br>(4) | Projected<br>Ultimate<br>Claims<br>(3)/(4)<br>(5) | Reported<br>Open<br>Claims<br>9/30/22<br>(6) | Number of<br>IBNR<br>Claims<br>(5)-(3)<br>(7) | Open<br>Claims<br>9/30/22<br>(6)+(7)<br>(8) |
|------------------------|--|--------------------------------------|--------------------------------------|---|--|---|---|
|                        |  |                                      |                                      |   |  |   |   |
| 2017/18                | 60.0                                       | 100                                  | 98.5%                                | 102   | 11   | 2   | 13  |
| 2018/19                | 48.0                                       | 98                                   | 95.7%                                | 102   | 24   | 4   | 28  |
| 2019/20                | 36.0                                       | 66                                   | 92.0%                                | 72  | 22   | 6   | 28  |
| 2020/21                | 24.0                                       | 66                                   | 83.6%                                | 79  | 19   | 13  | 32  |
| 2021/22                | 12.0                                       | 61                                   | 66.9%                                | 91  | 27   | 30  | 57  |

# II. Frequency Times Severity

|         |             |           |          |          |          | De-Trended |             |
|---------|-------------|-----------|----------|----------|----------|------------|-------------|
|         |             |           |          |          |          | Projected  |             |
|         | Preliminary |           |          |          | Trended  | 2022/23    |             |
|         | Projected   |           |          | Severity | Average  | Average    | Frequency   |
|         | Ultimate    | Projected | Average  | Trend    | Claim    | Claim      | Times       |
| Claim   | Limited     | Ultimate  | Severity | (2022/23 | Severity | Severity   | Severity    |
| Period  | Losses      | Claims    | (2)/(3)  | = 1.000) | (4)X(5)  | (7)/(5)    | (3)X(8)     |
| (1)     | (2)         | (3)       | (4)      | (5)      | (6)      | (8)        | (9)         |
| 2017/18 | \$1,467,813 | 102       | \$14,390 | 1.160    | \$16,699 | \$16,397   | \$1,672,483 |
| 2018/19 | 1,719,875   | 102       | 16,862   | 1.126    | 18,993   | 16,892     | 1,722,992   |
| 2019/20 | 1,503,645   | 72        | 20,884   | 1.093    | 22,834   | 17,402     | 1,252,960   |
| 2020/21 | 1,404,185   | 79        | 17,774   | 1.061    | 18,864   | 17,928     | 1,416,294   |
| 2021/22 | 1,567,516   | 91        | 17,225   | 1.030    | 17,746   | 18,469     | 1,680,696   |

<sup>(7)</sup> Projected 2022/23 average claim severity

\$19,027

Section I, (3) and (6) are from Exhibit GL-1.

Section I, (4) is from Exhibit GL-2.

Section II, (2) is from Exhibit GL-4.

Section II, (3) is from Section I, (5).

Section II, (5) is from Exhibit GL-12.

Section II, (7) is based on (6) and the following weights:

| Claim<br>Period | Weight |
|-----------------|--------|
| 2017/18         | 20.0%  |
| 2018/19         | 20.0%  |
| 2019/20         | 20.0%  |
| 2020/21         | 20.0%  |
| 2021/22         | 20.0%  |

### Projected Ultimate Limited Losses to 2021/22

|            |              |              |              |           |           |           | Previous     |              | Change in   |
|------------|--------------|--------------|--------------|-----------|-----------|-----------|--------------|--------------|-------------|
|            |              | Developed    |              | B-F       | B-F       |           | Projected    |              | Projected   |
|            | Developed    | Limited      | Developed    | Paid      | Reported  |           | Ultimate     | Projected    | Ultimate    |
|            | Limited      | Reported     | Limited      | Method    | Method    | Frequency | Limited      | Ultimate     | Limited     |
| Claim      | Paid         | Incurred     | Case         | Ultimate  | Ultimate  | Times     | Losses       | Limited      | Losses      |
| Period     | Losses       | Losses       | Reserves     | Losses    | Losses    | Severity  | (9/30/21)    | Losses       | (9)-(8)     |
| (1)        | (2)          | (3)          | (4)          | (5)       | (6)       | (7)       | (8)          | (9)          | (10)        |
| To 1995/96 | \$18,710,712 | \$18,710,712 | \$18,710,712 |           |           |           | \$18,718,308 | \$18,710,712 | (\$7,596)   |
| 1996/97    | 1,208,829    | 1,208,829    | 1,208,829    |           |           |           | 1,208,829    | 1,208,829    | 0           |
| 1997/98    | 1,291,583    | 1,291,583    | 1,291,583    |           |           |           | 1,291,583    | 1,291,583    | 0           |
| 1998/99    | 996,253      | 996,253      | 996,253      |           |           |           | 996,253      | 996,253      | 0           |
| 1999/00    | 1,077,808    | 1,077,808    | 1,077,808    |           |           |           | 1,077,808    | 1,077,808    | 0           |
| 2000/01    | 941,886      | 941,886      | 941,886      |           |           |           | 941,886      | 941,886      | 0           |
| 2001/02    | 846,109      | 846,109      | 846,109      |           |           |           | 846,109      | 846,109      | 0           |
| 2002/03    | 689,865      | 689,865      | 689,865      |           |           |           | 689,865      | 689,865      | 0           |
| 2003/04    | 878,338      | 878,338      | 878,338      |           |           |           | 878,338      | 878,338      | 0           |
| 2004/05    | 617,810      | 617,810      | 617,810      |           |           |           | 617,810      | 617,810      | 0           |
| 2005/06    | 300,318      | 300,318      | 300,318      |           |           |           | 300,318      | 300,318      | 0           |
| 2006/07    | 461,812      | 461,812      | 461,812      |           |           |           | 461,812      | 461,812      | 0           |
| 2007/08    | 452,661      | 452,661      | 452,661      |           |           |           | 452,661      | 452,661      | 0           |
| 2008/09    | 686,156      | 686,156      | 686,156      |           |           |           | 686,156      | 686,156      | 0           |
| 2009/10    | 521,840      | 521,840      | 521,840      |           |           |           | 521,840      | 521,840      | 0           |
| 2010/11    | 1,023,569    | 1,023,569    | 1,023,569    |           |           |           | 1,023,569    | 1,023,569    | 0           |
| 2011/12    | 828,558      | 828,558      | 828,558      |           |           |           | 828,558      | 828,558      | 0           |
| 2012/13    | 1,197,800    | 1,191,811    | 1,191,811    |           |           |           | 1,191,783    | 1,191,811    | 28          |
| 2013/14    | 2,910,178    | 2,880,930    | 2,866,525    |           |           |           | 2,867,199    | 2,866,525    | (674)       |
| 2014/15    | 515,109      | 505,173      | 497,595      |           |           |           | 529,434      | 497,595      | (31,839)    |
| 2015/16    | 964,226      | 949,032      | 927,852      |           |           |           | 1,422,777    | 949,032      | (473,745)   |
| 2016/17    | 1,689,578    | 1,840,580    | 2,114,498    |           |           |           | 1,877,268    | 1,840,580    | (36,688)    |
| 2017/18    | 1,393,482    | 1,467,813    | 1,640,548    | 1,405,212 | 1,468,509 | 1,672,483 | 3,008,838    | 1,467,813    | (1,541,025) |
| 2018/19    | 946,530      | 1,719,875    | 4,080,101    | 1,058,680 | 1,682,088 | 1,722,992 | 1,916,661    | 1,716,096    | (200,564)   |
| 2019/20    | 249,742      | 1,503,645    | 2,325,212    | 678,469   | 1,522,296 | 1,252,960 | 743,141      | 1,507,375    | 764,234     |
| 2020/21    | 261,911      | 1,404,185    | 2,069,501    | 1,022,319 | 1,506,306 | 1,416,294 | 1,057,942    | 1,455,246    | 397,304     |
| 2021/22    | 563,904      | 1,567,516    | 2,805,142    | 1,546,217 | 1,705,198 | 1,680,696 | 2,035,500    | 1,677,662    | (357,838)   |

Subject to a minimum of Exhibit GL-1, (10) and minimum 25% of case reserves or \$10,000 per open claim as IBNR for claim periods with open claims.

| Claim<br>Period | Developed<br>Limited<br>Paid<br>Losses | Developed<br>Limited<br>Reported<br>Incurred<br>Losses | Developed<br>Limited<br>Case<br>Reserves | B-F<br>Paid<br>Method<br>Ultimate<br>Losses | B-F<br>Reported<br>Method<br>Ultimate<br>Losses | Frequency<br>Times<br>Severity | Previous<br>Projected<br>Ultimate<br>Limited<br>Losses |
|-----------------|--|--|--|---|---|--------------------------------|--|
| to 2007/08      | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2008/09         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2009/10         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2010/11         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2011/12         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2012/13         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2013/14         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2014/15         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2015/16         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2016/17         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2017/18         | 0.0%                                   | 100.0%   | 0.0%                                     | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2018/19         | 0.0%                                   | 90.0%  | 0.0%                                     | 0.0%  | 10.0%   | 0.0%                           | 0.0%   |
| 2019/20         | 0.0%                                   | 80.0%  | 0.0%                                     | 0.0%  | 20.0%   | 0.0%                           | 0.0%   |
| 2020/21         | 0.0%                                   | 50.0%  | 0.0%                                     | 0.0%  | 50.0%   | 0.0%                           | 0.0%   |
| 2021/22         | 0.0%                                   | 20.0%  | 0.0%                                     | 0.0%  | 80.0%   | 0.0%                           | 0.0%   |
| Total Last 5    | \$3,415,569                            | \$7,663,034  | \$12,920,504                             | \$5,710,898                                 | \$7,884,399                                     | \$7,745,424                    | \$8,762,082  |

Average projected ultimate limited losses total last 5, excluding previous: Projected ultimate limited losses total last 5

\$7,556,638 \$7,824,192

<sup>(2), (3)</sup> and (4) are from Exhibit GL-3.

<sup>(5)</sup> and (6) are from Exhibit GL-5.

<sup>(7)</sup> is from Exhibit GL-6.

<sup>(8)</sup> is from the previous study.

<sup>(9)</sup> is based on (2) to (8), weighted as follows:

## Projected Ultimate Limited Losses for 2022/23 and Subsequent

| Claim Period (1)                                    | Projected Ultimate Limited Losses (2)                  | Payroll (000) (3) \$164,071 164,860 166,025 168,443 173,411 | Limited Loss Rate per \$1,000 of Payroll (2)/(3) (4)            | Loss Rate Trend (2022/23 = 1.000) (5)  1.051 1.041 1.030 1.020 1.010 | Trended Limited Loss Rate per \$1,000 of Payroll (4)X(5) (6)                      |   |
|---|--|---|---|--|---|---|
| Total   | \$7,824,192  | \$836,810   | \$9.35  |  | \$9.63  |   |
| Claim<br>Period<br>(1)                              | Projected Limited Loss Rate per \$1,000 of Payroll (7) | Projected<br>Payroll<br>(000)<br>(8)                        | Projected Ultimate Limited Losses (7)X(8) (9)                   | Present<br>Value<br>Factor<br>(10)                                   | Present Value of Projected Limited Loss Rate per \$1,000 of Payroll (7)X(10) (11) | Present<br>Value of<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(8)X(11)<br>(12) |
| 2022/23<br>2023/24<br>2024/25<br>2025/26<br>2026/27 | \$10.60<br>10.70<br>10.81<br>10.92<br>11.03            | \$182,082<br>191,186<br>200,745<br>210,783<br>221,322       | \$1,929,724<br>2,046,473<br>2,170,284<br>2,301,587<br>2,440,833 | 0.90<br>0.90<br>0.90<br>0.90<br>0.90                                 | \$9.51<br>9.60<br>9.70<br>9.79<br>9.89  | \$1,730,962<br>1,835,686<br>1,946,745<br>2,064,523<br>2,189,427                       |

<sup>(7)</sup> for 2022/23 is based on (6) and the following weights plus 10.0% per actuarial judgment:

| Claim<br>Period | Weight |
|-----------------|--------|
| 2017/18         | 20.0%  |
| 2018/19         | 20.0%  |
| 2019/20         | 20.0%  |
| 2020/21         | 20.0%  |
| 2021/22         | 20.0%  |

<sup>(2)</sup> is from Exhibit GL-7.

<sup>(3)</sup> was provided by the City.

<sup>(5)</sup> is from Exhibit GL-12.

<sup>(7)</sup> for 2023/24 and subsequent are based on 2022/23 plus the trend in Exhibit GL-12.

<sup>(8)</sup> is based on (3) for 2021/22 and a 5% trend.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit GL-2 (page 1).

Estimated Outstanding Losses as of September 30, 2022

|            | Limited<br>Paid | Limited<br>Case | Limited<br>Reported<br>Incurred | Projected<br>Ultimate | Estimated Outstanding Losses | Estimated<br>IBNR |
|------------|-----------------|-----------------|---------------------------------|-----------------------|------------------------------|-------------------|
| Claim      | Losses          | Reserves        | Losses                          | Limited               | 9/30/22                      | 9/30/22           |
| Period     | 9/30/22         | 9/30/22         | 9/30/22                         | Losses                | (5)-(2)                      | (6)-(3)           |
| (1)        | (2)             | (3)             | (4)                             | (5)                   | (6)                          | (7)               |
| To 1995/96 | \$18,710,712    | \$0             | \$18,710,712                    | \$18,710,712          | \$0                          | \$0               |
| 1996/97    | 1,208,829       | 0               | 1,208,829                       | 1,208,829             | 0                            | 0                 |
| 1997/98    | 1,291,583       | 0               | 1,291,583                       | 1,291,583             | 0                            | 0                 |
| 1998/99    | 996,253         | 0               | 996,253                         | 996,253               | 0                            | 0                 |
| 1999/00    | 1,077,808       | 0               | 1,077,808                       | 1,077,808             | 0                            | 0                 |
| 2000/01    | 941,886         | 0               | 941,886                         | 941,886               | 0                            | 0                 |
| 2001/02    | 846,109         | 0               | 846,109                         | 846,109               | 0                            | 0                 |
| 2002/03    | 689,865         | 0               | 689,865                         | 689,865               | 0                            | 0                 |
| 2003/04    | 878,338         | 0               | 878,338                         | 878,338               | 0                            | 0                 |
| 2004/05    | 617,810         | 0               | 617,810                         | 617,810               | 0                            | 0                 |
| 2005/06    | 300,318         | 0               | 300,318                         | 300,318               | 0                            | 0                 |
| 2006/07    | 461,812         | 0               | 461,812                         | 461,812               | 0                            | 0                 |
| 2007/08    | 452,661         | 0               | 452,661                         | 452,661               | 0                            | 0                 |
| 2008/09    | 686,156         | 0               | 686,156                         | 686,156               | 0                            | 0                 |
| 2009/10    | 521,840         | 0               | 521,840                         | 521,840               | 0                            | 0                 |
| 2010/11    | 1,023,569       | 0               | 1,023,569                       | 1,023,569             | 0                            | 0                 |
| 2011/12    | 828,558         | 0               | 828,558                         | 828,558               | 0                            | 0                 |
| 2012/13    | 1,191,811       | 0               | 1,191,811                       | 1,191,811             | 0                            | 0                 |
| 2013/14    | 2,866,525       | 0               | 2,866,525                       | 2,866,525             | 0                            | 0                 |
| 2014/15    | 497,595         | 0               | 497,595                         | 497,595               | 0                            | 0                 |
| 2015/16    | 909,265         | 7,500           | 916,765                         | 949,032               | 39,767                       | 32,267            |
| 2016/17    | 1,532,447       | 194,017         | 1,726,464                       | 1,840,580             | 308,133                      | 114,116           |
| 2017/18    | 1,191,427       | 120,799         | 1,312,225                       | 1,467,813             | 276,386                      | 155,587           |
| 2018/19    | 753,438         | 675,779         | 1,429,216                       | 1,716,096             | 962,658                      | 286,879           |
| 2019/20    | 165,579         | 985,367         | 1,150,946                       | 1,507,375             | 1,341,796                    | 356,429           |
| 2020/21    | 108,431         | 624,346         | 732,776                         | 1,455,246             | 1,346,815                    | 722,469           |
| 2021/22    | 132,189         | 291,952         | 424,141                         | 1,677,662             | 1,545,473                    | 1,253,521         |
| Total      | \$40,882,814    | \$2,899,760     | \$43,782,571                    | \$46,703,842          | \$5,821,028                  | \$2,921,268       |

<sup>(2), (3)</sup> and (4) are from Exhibit GL-1, and net of the specific self insured retention and aggregate retention.

<sup>(5)</sup> is from Exhibit GL-7.

Present Value of Estimated Outstanding Losses as of December 31, 2021

| Claim<br>Period | Estimated<br>Outstanding<br>Losses<br>9/30/22 | Present<br>Value<br>Factor | Present Value of Estimated Outstanding Losses 9/30/22 (2)X(3) | Anticipated<br>Future<br>Investment<br>Income<br>(2)-(4) |
|-----------------|---|----------------------------|---|--|
| (1)             | (2)   | (3)                        | (4)   | (5)  |
| To 1995/96      | \$0   | 1.00                       | \$0   | \$0  |
| 1996/97         | 0   | 1.00                       | 0   | 0  |
| 1997/98         | 0   | 1.00                       | 0   | 0  |
| 1998/99         | 0   | 1.00                       | 0   | 0  |
| 1999/00         | 0   | 1.00                       | 0   | 0  |
| 2000/01         | 0   | 1.00                       | 0   | 0  |
| 2001/02         | 0   | 1.00                       | 0   | 0  |
| 2002/03         | 0   | 1.00                       | 0   | 0  |
| 2003/04         | 0   | 1.00                       | 0   | 0  |
| 2004/05         | 0   | 1.00                       | 0   | 0  |
| 2005/06         | 0   | 1.00                       | 0   | 0  |
| 2006/07         | 0   | 1.00                       | 0   | 0  |
| 2007/08         | 0   | 1.00                       | 0   | 0  |
| 2008/09         | 0   | 1.00                       | 0   | 0  |
| 2009/10         | 0   | 1.00                       | 0   | 0  |
| 2010/11         | 0   | 1.00                       | 0   | 0  |
| 2011/12         | 0   | 1.00                       | 0   | 0  |
| 2012/13         | 0   | 0.98                       | 0   | 0  |
| 2013/14         | 0   | 0.97                       | 0   | 0  |
| 2014/15         | 0   | 0.96                       | 0   | 0  |
| 2015/16         | 39,767  | 0.95                       | 37,580  | 2,187  |
| 2016/17         | 308,133                                       | 0.94                       | 288,721   | 19,412   |
| 2017/18         | 276,386                                       | 0.93                       | 256,763   | 19,623   |
| 2018/19         | 962,658                                       | 0.92                       | 884,683   | 77,975   |
| 2019/20         | 1,341,796                                     | 0.92                       | 1,237,136   | 104,660  |
| 2020/21         | 1,346,815                                     | 0.93                       | 1,247,151   | 99,664   |
| 2021/22         | 1,545,473                                     | 0.92                       | 1,421,835   | 123,638  |
| Total           | \$5,821,028                                   |                            | \$5,373,869   | \$447,159  |

<sup>(2)</sup> is from Exhibit GL-9.

<sup>(3)</sup> is based on a 4% interest rate and the payout pattern in Exhibit GL-2 (page 1).

Projected Losses Paid October 1, 2022 to September 30, 2023

| Total       | To 1995/96 1996/97 1997/98 1998/90 2000/01 2001/02 2002/03 2003/04 2004/05 2005/06 2006/07 2007/08 2008/09 2009/10 2011/12 2011/12 2011/13 2013/14 2014/15 2016/17 2017/18 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19  | Claim  |
|-------------|---|--|
|             | 288.0<br>276.0<br>254.0<br>252.0<br>252.0<br>240.0<br>216.0<br>118.0<br>118.0<br>118.0<br>118.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0  | Months of Development  |
|             | 100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>100.0%<br>99.5%<br>98.5%<br>98.5%<br>98.5%<br>91.28%<br>12.8%<br>12.8%  | Percent<br>Losses  |
|             | 336.0<br>324.0<br>312.0<br>300.0<br>288.0<br>276.0<br>255.0<br>2240.0<br>2240.0<br>2240.0<br>216.0<br>216.0<br>1192.0<br>1192.0<br>1192.0<br>1192.0<br>1192.0<br>1193.0<br>1194.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>120.0<br>12 | Months of Development  |
|             | (5) (5) (6) (6) (6) (7) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7  | Percent<br>Losses  |
|             | (6) 25.0% 25  | Percent Outstanding Losses Paid 10/1/22 to 9/30/23 ((5)-(3)) |
| \$7,750,752 | \$0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | Estimated Outstanding Losses                                 |
| \$1,702,263 | \$0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | Projected<br>Losses<br>Paid                                  |
| \$6,048,489 | \$0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | Estimated Outstanding Losses 9/30/23                         |
|             | (10) (10) (10) (10) (10) (10) (10) (10)   | Present<br>Value   |
| \$5,589,540 | \$0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | Present Value of Estimated Outstanding Losses 9/30/23        |

 $<sup>^{\</sup>star}$  - Limited to a maximum of 25% and a minimum of 0% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit GL-2 (page 1).

<sup>(7)</sup> to 2021/22 is from Exhibit GL-9. The amount for 2022/23 is from Exhibit GL-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit GL-2 (page 1).

Projected Losses Paid October 1, 2023 to September 30, 2024

| \$5,851,491                    |         | \$6,320,891           | \$1,774,071         | \$8,094,962           |                                |         |             |         |             | Total      |
|--------------------------------|---------|-----------------------|---------------------|-----------------------|--------------------------------|---------|-------------|---------|-------------|------------|
| 1,641,762                      | 0.92    | 1,784,524             | 261,949             | 2,046,473             | 12.8% *                        | 12.8%   | 12.0        | 0.0%    | 0.0         | 2023/24    |
| 1,168,648                      | 0.93    | 1,262,039             | 420,680             | 1,682,719             | 25.0% *                        | 41.4%   | 24.0        | 12.8%   | 12.0        | 2022/23    |
| 801,521                        | 0.92    | 869,329               | 289,776             | 1,159,105             | 25.0% *                        | 66.3%   | 36.0        | 41.4%   | 24.0        | 2021/22    |
| 696,219                        | 0.92    | 757,583               | 252,528             | 1,010,111             | 25.0% *                        | 79.6%   | 48.0        | 66.3%   | 36.0        | 2020/21    |
| 701,172                        | 0.93    | 754,760               | 251,587             | 1,006,347             | 25.0% *                        | 85.5%   | 60.0        | 79.6%   | 48.0        | 2019/20    |
| 507,381                        | 0.94    | 541,495               | 180,498             | 721,993               | 25.0% *                        | 90.7%   | 72.0        | 85.5%   | 60.0        | 2018/19    |
| 146,916                        | 0.95    | 155,467               | 51,822              | 207,289               | 25.0% *                        | 94.3%   | 84.0        | 90.7%   | 72.0        | 2017/18    |
| 166,219                        | 0.96    | 173,325               | 57,775              | 231,100               | 25.0% *                        | 96.6%   | 96.0        | 94.3%   | 84.0        | 2016/17    |
| 21,653                         | 0.97    | 22,369                | 7,456               | 29,825                | 25.0% *                        | 98.5%   | 108.0       | 96.6%   | 96.0        | 2015/16    |
| 0                              | 0.98    | 0                     | 0                   | 0                     | 25.0% *                        | 99.5%   | 120.0       | 98.5%   | 108.0       | 2014/15    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 132.0       | 99.5%   | 120.0       | 2013/14    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 144.0       | 100.0%  | 132.0       | 2012/13    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 156.0       | 100.0%  | 144.0       | 2011/12    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 168.0       | 100.0%  | 156.0       | 2010/11    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 180.0       | 100.0%  | 168.0       | 2009/10    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 192.0       | 100.0%  | 180.0       | 2008/09    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 204.0       | 100.0%  | 192.0       | 2007/08    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 216.0       | 100.0%  | 204.0       | 2006/07    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 228.0       | 100.0%  | 216.0       | 2005/06    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 240.0       | 100.0%  | 228.0       | 2004/05    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 252.0       | 100.0%  | 240.0       | 2003/04    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 264.0       | 100.0%  | 252.0       | 2002/03    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 276.0       | 100.0%  | 264.0       | 2001/02    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 288.0       | 100.0%  | 276.0       | 2000/01    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 300.0       | 100.0%  | 288.0       | 1999/00    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 312.0       | 100.0%  | 300.0       | 1998/99    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 324.0       | 100.0%  | 312.0       | 1997/98    |
| 0                              | 1.00    | 0                     | 0                   | 0                     | 25.0% *                        | 100.0%  | 336.0       | 100.0%  | 324.0       | 1996/97    |
| \$0                            | 1.00    | \$0                   | \$0                 | \$0                   | 25.0% *                        | 100.0%  | 348.0       | 100.0%  | 336.0       | To 1995/96 |
| (11)                           | (10)    | (9)                   | (8)                 | (7)                   | (6)                            | (5)     | (4)         | (3)     | (2)         | (1)        |
| (9)X(10)                       | Factor  | (7)-(8)               | (6)X(7)             | 9/30/23               | (100.0%-(3))                   | Paid    | 9/30/24     | Paid    | 9/30/23     | Period     |
| 9/30/24                        | Value   | 9/30/24               | Paid                | Losses                | ((5)-(3))/                     | Losses  | Development | Losses  | Development | Claim      |
| Value of Estimated Outstanding | Present | Estimated Outstanding | Projected<br>Losses | Estimated Outstanding | Losses Paid 10/1/23 to 9/30/24 | Percent | Months of   | Percent | Months of   |            |
| Dresent                        |         |                       |                     |                       | Percent                        |         |             |         |             |            |

<sup>\* -</sup> Limited to a maximum of 25% and a minimum of 0% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit GL-2 (page 1).

<sup>(7)</sup> to 2022/23 is from Exhibit GL-11 (page 1), (9). The amount for 2023/24 is from Exhibit GL-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit GL-2 (page 1).

Projected Losses Paid October 1, 2024 to September 30, 2025

| \$6,148,475   |                  | \$6,633,156                          | \$1,858,019                 | \$8,491,175                        |   |                   |                          |                   |                          | Total      |
|---|------------------|--------------------------------------|-----------------------------|------------------------------------|---|-------------------|--------------------------|-------------------|--------------------------|------------|
| 1,741,089   | 0.92             | 1,892,488                            | 277,796                     | 2,170,284                          | 12.8% *   | 12.8%             | 12.0                     | 0.0%              | 0.0                      | 2024/25    |
| 1.239.352   | 0.93             | 1.338.393                            | 446.131                     | 1.784.524                          | 25.0% *   | 41.4%             | 24.0                     | 12.8%             | 12.0                     | 2023/24    |
| 872,700   | 0.92             | 946,529                              | 315.510                     | 1.262.039                          | 25.0% *   | 66.3%             | 36.0                     | 41.4%             | 24.0                     | 2022/23    |
| 599.185   | 0.92             | 651,997                              | 217.332                     | 869.329                            | 25.0% *   | 79.6%             | 48.0                     | 66.3%             | 36.0                     | 2021/22    |
| 527.846   | 0.93             | 568,187                              | 189,396                     | 757,583                            | 25.0% *   | 85.5%             | 60.0                     | 79.6%             | 48.0                     | 2020/21    |
| 530,408   | 0.94             | 566,070                              | 188,690                     | 754,760                            | 25.0% *   | 90.7%             | 72.0                     | 85.5%             | 60.0                     | 2019/20    |
| 383,784   | 0.95             | 406,121                              | 135,374                     | 541,495                            | 25.0% *   | 94.3%             | 84.0                     | 90.7%             | 72.0                     | 2018/19    |
| 111,819   | 0.96             | 116,600                              | 38,867                      | 155,467                            | 25.0% *   | 96.6%             | 96.0                     | 94.3%             | 84.0                     | 2017/18    |
| 125,834   | 0.97             | 129,994                              | 43,331                      | 173,325                            | 25.0% *   | 98.5%             | 108.0                    | 96.6%             | 96.0                     | 2016/17    |
| 16,458  | 0.98             | 16,777                               | 5,592                       | 22,369                             | 25.0% *   | 99.5%             | 120.0                    | 98.5%             | 108.0                    | 2015/16    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 132.0                    | 99.5%             | 120.0                    | 2014/15    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 144.0                    | 100.0%            | 132.0                    | 2013/14    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 156.0                    | 100.0%            | 144.0                    | 2012/13    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 168.0                    | 100.0%            | 156.0                    | 2011/12    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 180.0                    | 100.0%            | 168.0                    | 2010/11    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 192.0                    | 100.0%            | 180.0                    | 2009/10    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 204.0                    | 100.0%            | 192.0                    | 2008/09    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 216.0                    | 100.0%            | 204.0                    | 2007/08    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 228.0                    | 100.0%            | 216.0                    | 2006/07    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 240.0                    | 100.0%            | 228.0                    | 2005/06    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 252.0                    | 100.0%            | 240.0                    | 2004/05    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 264.0                    | 100.0%            | 252.0                    | 2003/04    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 276.0                    | 100.0%            | 264.0                    | 2002/03    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 288.0                    | 100.0%            | 276.0                    | 2001/02    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 300.0                    | 100.0%            | 288.0                    | 2000/01    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 312.0                    | 100.0%            | 300.0                    | 1999/00    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 324.0                    | 100.0%            | 312.0                    | 1998/99    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 336.0                    | 100.0%            | 324.0                    | 1997/98    |
| 0   | 1.00             | 0                                    | 0                           | 0                                  | 25.0% *   | 100.0%            | 348.0                    | 100.0%            | 336.0                    | 1996/97    |
| \$0   | 1.00             | \$0                                  | \$0                         | \$0                                | 25.0% *   | 100.0%            | 360.0                    | 100.0%            | 348.0                    | To 1995/96 |
| (11)  | (10)             | (9)                                  | (8)                         | (7)                                | (6)   | (5)               | (4)                      | (3)               | (2)                      | (1)        |
| (9)X(10)  | Factor           | (7)-(8)                              | (6)X(7)                     | 9/30/24                            | (100.0%-(3))  | Paid              | 9/30/25                  | Paid              | 9/30/24                  | Period     |
| Present Value of Estimated Outstanding Losses 9/30/25 | Present<br>Value | Estimated Outstanding Losses 9/30/25 | Projected<br>Losses<br>Paid | Estimated<br>Outstanding<br>Losses | Percent Outstanding Losses Paid 10/1/24 to 9/30/25 ((5)-(3))/ | Percent<br>Losses | Months of<br>Development | Percent<br>Losses | Months of<br>Development | Claim      |
|   |                  |                                      |                             |                                    |   |                   |                          |                   |                          |            |

 $<sup>^{</sup>st}$  - Limited to a maximum of 25% and a minimum of 0% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit GL-2 (page 1).

<sup>(7)</sup> to 2023/24 is from Exhibit GL-11 (page 2), (9). The amount for 2024/25 is from Exhibit GL-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit GL-2 (page 1).

Projected Losses Paid October 1, 2025 to September 30, 2026

| Total       | 2023/24<br>2024/25<br>2025/26       | 2022/23 | 2020/21            | 2019/20 | 2018/19 | 2017/18 | 2016/17 | 2015/16 | 2014/15 | 2013/14 | 2012/13 | 2011/12 | 2010/11 | 2009/10 | 2008/09 | 2007/08 | 2006/07 | 2005/06 | 2004/05 | 2003/04 | 2002/03 | 2001/02 | 2000/01 | 1999/00 | 1998/99 | 1997/98 | 1996/97 | To 1995/96 | Claim<br>Period<br>(1)   |
|-------------|-------------------------------------|---------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|--|
|             | 24.0<br>12.0<br>0.0                 | 36.0    | 60.0               | 72.0    | 84.0    | 96.0    | 108.0   | 120.0   | 132.0   | 144.0   | 156.0   | 168.0   | 180.0   | 192.0   | 204.0   | 216.0   | 228.0   | 240.0   | 252.0   | 264.0   | 276.0   | 288.0   | 300.0   | 312.0   | 324.0   | 336.0   | 348.0   | 360.0      | Months of Development 9/30/25 (2)                                      |
|             | 41.4%<br>12.8%<br>0.0%              | 66.3%   | 85.5%<br>79.6%     | 90.7%   | 94.3%   | 96.6%   | 98.5%   | 99.5%   | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%     | Percent<br>Losses<br>Paid<br>(3)                                       |
|             | 36.0<br>24.0<br>12.0                | 48.0    | 72.0<br>60.0       | 84.0    | 96.0    | 108.0   | 120.0   | 132.0   | 144.0   | 156.0   | 168.0   | 180.0   | 192.0   | 204.0   | 216.0   | 228.0   | 240.0   | 252.0   | 264.0   | 276.0   | 288.0   | 300.0   | 312.0   | 324.0   | 336.0   | 348.0   | 360.0   | 372.0      | Months of Development 9/30/26 (4)                                      |
|             | 66.3%<br>41.4%<br>12.8%             | 79.6%   | 90.7%<br>85.5%     | 94.3%   | 96.6%   | 98.5%   | 99.5%   | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%  | 100.0%     | Percent<br>Losses<br>Paid<br>(5)                                       |
|             | 25.0% *<br>25.0% *<br>12.8% *       | 25.0% * | 25.0% *<br>25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% * | 25.0% *    | Outstanding Losses Paid 10/1/25 to 9/30/26 ((5)-(3))/ (100.0%-(3)) (6) |
| \$8,934,743 | 1,338,393<br>1,892,488<br>2,301,587 | 946,529 | 568,187<br>651 997 | 566,070 | 406,121 | 116,600 | 129,994 | 16,777  | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | \$0        | Estimated Outstanding Losses 9/30/25 (7)                               |
| \$1,952,892 | 334,598<br>473,122<br>294,603       | 236,632 | 142,047<br>162 999 | 141,518 | 101,530 | 29,150  | 32,499  | 4,194   | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | \$0        | Projected Losses Paid (6)X(7) (8)                                      |
| \$6,981,851 | 1,003,795<br>1,419,366<br>2,006,984 | 709,897 | 426,140<br>488 998 | 424,552 | 304,591 | 87,450  | 97,495  | 12,583  | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | \$0        | Estimated Outstanding Losses 9/30/26 (7)-(8) (9)                       |
|             | 0.92<br>0.93<br>0.92                | 0.92    | 0.94               | 0.95    | 0.96    | 0.97    | 0.98    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00    | 1.00       | Present<br>Value<br>Factor<br>(10)                                     |
| \$6,478,407 | 925,499<br>1,314,333<br>1,846,425   | 652,395 | 399,293<br>454 279 | 401,202 | 292,103 | 84,652  | 95,643  | 12,583  | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | \$0        | Present Value of Estimated Outstanding Losses 9/30/26 (9)X(10) (11)    |

 $<sup>^{</sup>st}$  - Limited to a maximum of 25% and a minimum of 0% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit GL-2 (page 1).

<sup>(7)</sup> to 2024/25 is from Exhibit GL-11 (page 3), (9). The amount for 2025/26 is from Exhibit GL-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit GL-2 (page 1).

Projected Losses Paid October 1, 2026 to September 30, 2027

| \$6,839,022 |         | \$7,364,792 | \$2,057,892 | \$9,422,684 |              |         |             |         |             | Total      |
|-------------|---------|-------------|-------------|-------------|--------------|---------|-------------|---------|-------------|------------|
| 1,958,134   | 0.92    | 2,128,406   | 312,427     | 2,440,833   | 12.8% *      | 12.8%   | 12.0        | 0.0%    | 0.0         | 2026/27    |
| 1,393,850   | 0.93    | 1,505,238   | 501,746     | 2,006,984   | 25.0% *      | 41.4%   | 24.0        | 12.8%   | 12.0        | 2025/26    |
| 981,491     | 0.92    | 1,064,524   | 354,842     | 1,419,366   | 25.0% *      | 66.3%   | 36.0        | 41.4%   | 24.0        | 2024/25    |
| 691,865     | 0.92    | 752,846     | 250,949     | 1,003,795   | 25.0% *      | 79.6%   | 48.0        | 66.3%   | 36.0        | 2023/24    |
| 494,621     | 0.93    | 532,423     | 177,474     | 709,897     | 25.0% *      | 85.5%   | 60.0        | 79.6%   | 48.0        | 2022/23    |
| 343,643     | 0.94    | 366,748     | 122,250     | 488,998     | 25.0% *      | 90.7%   | 72.0        | 85.5%   | 60.0        | 2021/22    |
| 302,027     | 0.95    | 319,605     | 106,535     | 426,140     | 25.0% *      | 94.3%   | 84.0        | 90.7%   | 72.0        | 2020/21    |
| 305,359     | 0.96    | 318,414     | 106,138     | 424,552     | 25.0% *      | 96.6%   | 96.0        | 94.3%   | 84.0        | 2019/20    |
| 221,133     | 0.97    | 228,443     | 76,148      | 304,591     | 25.0% *      | 98.5%   | 108.0       | 96.6%   | 96.0        | 2018/19    |
| 64,341      | 0.98    | 65,587      | 21,863      | 87,450      | 25.0% *      | 99.5%   | 120.0       | 98.5%   | 108.0       | 2017/18    |
| 73,121      | 1.00    | 73,121      | 24,374      | 97,495      | 25.0% *      | 100.0%  | 132.0       | 99.5%   | 120.0       | 2016/17    |
| 9,437       | 1.00    | 9,437       | 3,146       | 12,583      | 25.0% *      | 100.0%  | 144.0       | 100.0%  | 132.0       | 2015/16    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 156.0       | 100.0%  | 144.0       | 2014/15    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 168.0       | 100.0%  | 156.0       | 2013/14    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 180.0       | 100.0%  | 168.0       | 2012/13    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 192.0       | 100.0%  | 180.0       | 2011/12    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 204.0       | 100.0%  | 192.0       | 2010/11    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 216.0       | 100.0%  | 204.0       | 2009/10    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 228.0       | 100.0%  | 216.0       | 2008/09    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 240.0       | 100.0%  | 228.0       | 2007/08    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 252.0       | 100.0%  | 240.0       | 2006/07    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 264.0       | 100.0%  | 252.0       | 2005/06    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 276.0       | 100.0%  | 264.0       | 2004/05    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 288.0       | 100.0%  | 276.0       | 2003/04    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 300.0       | 100.0%  | 288.0       | 2002/03    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 312.0       | 100.0%  | 300.0       | 2001/02    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 324.0       | 100.0%  | 312.0       | 2000/01    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 336.0       | 100.0%  | 324.0       | 1999/00    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 348.0       | 100.0%  | 336.0       | 1998/99    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 360.0       | 100.0%  | 348.0       | 1997/98    |
| 0           | 1.00    | 0           | 0           | 0           | 25.0% *      | 100.0%  | 372.0       | 100.0%  | 360.0       | 1996/97    |
| \$0         | 1.00    | \$0         | \$0         | \$0         | 25.0% *      | 100.0%  | 384.0       | 100.0%  | 372.0       | To 1995/96 |
| (11)        | (10)    | (9)         | (8)         | (7)         | (6)          | (5)     | (4)         | (3)     | (2)         | (1)        |
| (9)X(10)    | Factor  | (7)-(8)     | (6)X(7)     | 9/30/26     | (100.0%-(3)) | Paid    | 9/30/27     | Paid    | 9/30/26     | Period     |
| 9/30/27     | Value   | 9/30/27     | Paid        | Losses      | ((5)-(3))/   | Losses  | Development | Losses  | Development | Claim      |
| Losses      | Present | Losses      | Losses      | Outstanding | 9/30/27      | Percent | Months of   | Percent | Months of   |            |
| Outstanding |         | Outstanding | Projected   | Estimated   | 10/1/26 to   |         |             |         |             |            |
| Estimated   |         | Estimated   |             |             | Paid         |         |             |         |             |            |
| Value of    |         |             |             |             | Losses       |         |             |         |             |            |
| Drecent     |         |             |             |             | Outetanding  |         |             |         |             |            |
|             |         |             |             |             | Dorcont      |         |             |         |             |            |

<sup>\* -</sup> Limited to a maximum of 25% and a minimum of 0% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit GL-2 (page 1).

<sup>(7)</sup> to 2025/26 is from Exhibit GL-11 (page 4), (9). The amount for 2026/27 is from Exhibit GL-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit GL-2 (page 1).

# Loss Rate and Severity Trend

|         |                      |                   |                    | Loss Rate         |                   | Severity          |
|---------|----------------------|-------------------|--------------------|-------------------|-------------------|-------------------|
|         | Legislative<br>Trend | Residual<br>Trend | Retention<br>Index | Trend<br>(2022/23 | Exposure<br>Trend | Trend<br>(2022/23 |
| Claim   | (2022/23             | (2022/23          | (2022/23           | = 1.000)          | (2022/23          | = 1.000)          |
| Period  | = 1.000)             | = 1.000)          | = 1.000)           | (2)X(3)X(4)       | = 1.000)          | (5)X(6)           |
| (1)     | (2)                  | (3)               | (4)                | (5)               | (6)               | (7)               |
| 2017/18 | 1.000                | 1.051             | 1.000              | 1.051             | 1.104             | 1.160             |
| 2018/19 | 1.000                | 1.041             | 1.000              | 1.041             | 1.082             | 1.126             |
| 2019/20 | 1.000                | 1.030             | 1.000              | 1.030             | 1.061             | 1.093             |
| 2020/21 | 1.000                | 1.020             | 1.000              | 1.020             | 1.040             | 1.061             |
| 2021/22 | 1.000                | 1.010             | 1.000              | 1.010             | 1.020             | 1.030             |
| 2022/23 | 1.000                | 1.000             | 1.000              | 1.000             | 1.000             | 1.000             |
| 2023/24 | 1.000                | 0.990             | 1.000              | 0.990             | 0.980             | 0.971             |
| 2024/25 | 1.000                | 0.980             | 1.000              | 0.980             | 0.961             | 0.942             |
| 2025/26 | 1.000                | 0.971             | 1.000              | 0.971             | 0.942             | 0.915             |
| 2026/27 | 1.000                | 0.961             | 1.000              | 0.961             | 0.924             | 0.888             |
|         |                      |                   |                    |                   |                   |                   |

<sup>(2)</sup> is based on industry statistics and actuarial judgment.

<sup>(3)</sup> is based on 1% trend per actuarial judgment.

<sup>(4)</sup> is based on industry statistics and actuarial judgment.

<sup>(6)</sup> is based on 2% trend.

# List of Large Claims

| Claim<br>Number<br>(1) | Date of<br>Loss<br>(2) | Claim<br>Period<br>(3) | Assumed<br>Maxium<br>(4) | Limited<br>Paid<br>Losses<br>9/30/22<br>(5) | Limited<br>Case<br>Reserves<br>9/30/22<br>(6) | Limited<br>Reported<br>Incurred<br>Losses<br>9/30/22<br>(7) |
|------------------------|------------------------|------------------------|--------------------------|---|---|---|
| CIV2018009046-1        | 6/24/2018              | To 1995/96             | \$263,768 A              | \$201,268                                   | \$50,000                                      | \$251,268   |
| GL-BI2019009182-1      | 2/16/2019              | 2018/19                | 74,838 A                 | 1,462                                       | 58,701 *                                      | 60,163  |
| GL-BI2019009133-1      | 9/7/2019               | 2018/19                | 94,245 A                 | 495   | 75,000 *                                      | 75,495  |
| EPL-DIS20190001-1      | 10/4/2019              | 2019/20                | 1,000,000 I              | 0   | 500,000 *                                     | 500,000   |
| GL-BI2019009187-1      | 11/27/2019             | 2019/20                | 66,755 I                 | 649   | 52,885 *                                      | 53,534 *  |
| GL-BI20209202-1        | 1/28/2020              | 2019/20                | 250,035 I                | 610   | 199,540 *                                     | 200,150 *   |
| GL-BI20210065-1        | 6/26/2021              | 2020/21                | 74,631 A                 | 1,474                                       | 58,526 *                                      | 60,000 *  |
| EPL-PAM20210006-1      | 7/26/2021              | 2020/21                | 808,173 I                | 11,828                                      | 398,173 *                                     | 410,000 *   |
| PD-PD20210017-1        | 11/10/2021             | 2021/22                | 183,497 I                | 83,497 *                                    | 50,000 *                                      | 133,497 *   |

City of Miami Beach, Florida Automobile Liability

# Data Summary as of September 30, 2022

|              |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |              |              |              |              |              |              |              |              | 1  |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
| Total        | 2021/22  | 2020/21  | 2019/20  | 2018/19  | 2017/18  | 2016/17  | 2015/16  | 2014/15  | 2013/14  | 2012/13  | 2011/12  | 2010/11  | 2009/10  | 2008/09  | 2007/08  | 2006/07  | 2005/06  | 2004/05  | 2003/04  | 2002/03      | 2001/02      | 2000/01      | 1999/00      | 1998/99      | 1997/98      | 1996/97      | 1995/96      | Claim<br>Period<br>(1)                                       |
|              | Tort cap     | Tort cap     | Tort cap     | Tort cap     | Tort cap     | Tort cap     | Tort cap     | Tort cap     | Specific Self-Insured Retention (2)                          |
|              | None         | None         | None         | None         | None         | None         | None         | None         | Aggregate<br>Retention<br>(3)                                |
|              | 12.0     | 24.0     | 36.0     | 48.0     | 60.0     | 72.0     | 84.0     | 96.0     | 108.0    | 120.0    | 132.0    | 144.0    | 156.0    | 168.0    | 180.0    | 192.0    | 204.0    | 216.0    | 228.0    | 240.0        | 252.0        | 264.0        | 276.0        | 288.0        | 300.0        | 312.0        | 324.0        | Months of Development 9/30/22 (4)                            |
|              | 1,466    | 1,467    | 1,505    | 1,428    | 1,186    | 1,053    | 1,039    | 1,192    | 1,000    | 969      | 990      | 922      | 984      | 948      | 940      | 920      | 917      | 908      | 900      | Not Provided | Vehicles   |
| 2,849        | 40       | 51       | 33       | 64       | 37       | 25       | 31       | 51       | 43       | 43       | 50       | 57       | 67       | 73       | 76       | 86       | 88       | 86       | 102      | 80           | 57           | 74           | 80           | 60           | 74           | 79           | 1,242        | Reported<br>Claims<br>9/30/22<br>(6)                         |
| 36           | 15       | 10       | σı       | σı       | 0        | _        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | Reported<br>Open<br>Claims<br>9/30/22<br>(7)                 |
| \$12,270,082 | 55,697   | 118,591  | 94,920   | 792,337  | 100,725  | 82,896   | 78,295   | 610,738  | 161,996  | 188,192  | 363,296  | 837,451  | 338,692  | 267,489  | 279,570  | 209,389  | 269,250  | 249,841  | 401,135  | 1,934,296    | 308,602      | 254,437      | 267,972      | 338,112      | 872,488      | 269,209      | \$2,524,466  | Limited<br>Paid<br>Losses<br>9/30/22<br>(8)                  |
| \$338,425    |          |          |          |          |          | 1,000    |          |          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0            | 0            | 0            | 0            | 0            | 0            | 0            | \$0          | Limited<br>Case<br>Reserves<br>9/30/22<br>(9)                |
| \$12,608,505 | 200,303  | 212,664  | 152,232  | 833,769  | 100,725  | 83,896   | 78,295   | 610,738  | 161,996  | 188,192  | 363,296  | 837,451  | 338,692  | 267,489  | 279,570  | 209,389  | 269,250  | 249,841  | 401,135  | 1,934,296    | 308,602      | 254,437      | 267,972      | 338,112      | 872,488      | 269,209      | \$2,524,466  | Limited<br>Reported<br>Incurred<br>Losses<br>9/30/22<br>(10) |

# Summary of Percent Losses Paid, Losses Reported and Claims Reported

| Months of<br>Development<br>(1) | Percent<br>Losses<br>Paid<br>(2) | Percent<br>Losses<br>Reported<br>(3) | Percent<br>Claims<br>Reported<br>(4) |
|---------------------------------|----------------------------------|--------------------------------------|--------------------------------------|
| 360.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 348.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 336.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 324.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 312.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 300.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 288.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 276.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 264.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 252.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 240.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 228.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 216.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 204.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 192.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 180.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 168.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 156.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 144.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 132.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 120.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 108.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 96.0                            | 100.0%                           | 100.0%                               | 100.0%                               |
| 84.0                            | 100.0%                           | 100.0%                               | 100.0%                               |
| 72.0                            | 100.0%                           | 100.0%                               | 100.0%                               |
| 60.0                            | 98.0%                            | 100.0%                               | 100.0%                               |
| 48.0                            | 93.4%                            | 98.0%                                | 100.0%                               |
| 36.0                            | 86.9%                            | 93.4%                                | 99.5%                                |
| 24.0                            | 64.4%                            | 83.0%                                | 97.1%                                |
| 12.0                            | 28.6%                            | 57.2%                                | 77.6%                                |

<sup>(2)</sup> is from Exhibit AL-2 (page 2).

<sup>(3)</sup> is from Exhibit AL-2 (page 3).

<sup>(4)</sup> is from Exhibit AL-2 (page 4).

City of Miami Beach, Florida Automobile Liability Exhibit AL-2 (page 2)

Historical Unlimited and Gross of Recoveries Paid Losses (\$000) and Unlimited and Gross of Recoveries Paid Loss Development

| Percent Losses Paid | Selected<br>Cumulative | Previous | All Wild 3 Last 3 Last 5 x-hi,low | 2002/03<br>2003/04<br>2004/05<br>2006/06<br>2006/07<br>2007/08<br>2008/09<br>2009/10<br>2011/12<br>2011/13<br>2013/14<br>2013/16<br>2016/17<br>2017/18<br>2018/19<br>2019/20<br>2019/20<br>2019/20  | Claim<br>Period                      | II. Unlimited and Gross of Recoveries Paid Loss Development | 2002/03<br>2003/04<br>2004/05<br>2004/05<br>2006/06<br>2006/07<br>2009/10<br>2009/10<br>2010/11<br>2011/12<br>2012/13<br>2013/14<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2016/17<br>2018/19<br>2019/20<br>2020/21 | Historical Unlimited and Gross of Recoveries Paid Losses (\$000) |
|---------------------|------------------------|----------|-----------------------------------|---|--------------------------------------|---|---|--|
| 28.6%               | 2.250<br>3.497         | 2.500    | 1.919<br>2.831<br>2.365<br>2.655  | 2.221 2.252 1.125 1.126 1.266 1.268 1.124 1.302 4.190 1.626 0.1626 0.1626 0.1627 1.114 1.147 4.375 2.198 4.442 1.261 1.262  | 12-24                                | Recoveries Paid   | \$220<br>\$250<br>\$104<br>1164<br>88<br>88<br>88<br>81<br>1118<br>81<br>1131<br>1106<br>217<br>82<br>37<br>32<br>37<br>32<br>31<br>44<br>44  | Gross of Recov   |
| 64.4%               | 1.350<br>1.554         | 1.300    | 1.322<br>1.452<br>1.557<br>1.382  | 1.180<br>0.856<br>1.075<br>1.246<br>1.077<br>1.237<br>1.432<br>1.432<br>1.335<br>1.035<br>1.033<br>1.003<br>1.035<br>1.035<br>1.035<br>1.035<br>1.035<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036<br>1.036 | 24-36                                | Loss Develop  | \$487<br>239<br>117<br>195<br>120<br>157<br>191<br>154<br>163<br>220<br>94<br>163<br>220<br>94<br>162<br>71<br>530<br>560<br>119  | eries Paid Los   |
| 86.9%               | 1.075<br>1.151         | 1.075    | 1.097<br>1.032<br>0.990<br>1.019  | 0.959<br>1.342<br>1.093<br>1.023<br>1.146<br>1.112<br>1.188<br>1.264<br>1.265<br>1.027<br>1.000<br>1.000<br>1.070<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   | 36-48                                | oment   | \$575<br>205<br>205<br>126<br>243<br>122<br>194<br>226<br>220<br>220<br>220<br>483<br>221<br>163<br>163<br>163<br>436<br>94<br>191<br>110   | ses (\$000)  |
| 93.4%               | 1.050                  | 1.050    | 1.219<br>0.726<br>0.819<br>1.006  | 3.401<br>0.895<br>1.060<br>1.000<br>1.000<br>1.000<br>1.000<br>1.366<br>1.366<br>1.366<br>1.366<br>1.000<br>1.000<br>1.000  | 48-60                                |   | \$552<br>275<br>275<br>1139<br>248<br>178<br>216<br>226<br>226<br>227<br>227<br>227<br>227<br>113<br>113<br>113<br>113<br>113<br>114<br>119<br>110<br>1792  |  |
| 98.0%               | 1.020                  | 1.020    | 1.028<br>1.027<br>0.962<br>1.000  | 0.987 1.116 1.000 1.001 1.001 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000   | 60-72                                |   | \$1,876<br>246<br>147<br>248<br>197<br>216<br>269<br>347<br>837<br>377<br>887<br>377<br>883<br>163<br>523<br>966<br>833<br>101  |  |
| 100.0%              | 1.000                  | 1.000    | 1.009<br>1.063<br>1.030<br>1.000  | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.001<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   | 72-84                                |   | 72<br>\$1,851<br>2,75<br>147<br>273<br>203<br>203<br>209<br>347<br>347<br>887<br>377<br>883<br>560<br>78  |  |
| 100.0%              | 1.000                  | 1.000    | 1.000<br>0.999<br>0.998<br>1.000  | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>0.999<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   | 84-96                                |   | \$1,851<br>2,75<br>1,47<br>2,73<br>2,10<br>2,10<br>2,81<br>2,81<br>2,81<br>2,81<br>2,81<br>3,47<br>3,47<br>3,47<br>3,47<br>3,47<br>3,47<br>3,47<br>3,47   |  |
| 100.0%              | 1.000                  | 1.000    | 1.157<br>1.160<br>1.380<br>1.000  | 1.000<br>1.007<br>1.737<br>1.737<br>1.000<br>0.998<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>2.139<br>1.000   | 96-108                               |   | \$1,851<br>2,75<br>1,48<br>2,73<br>2,10<br>2,10<br>2,81<br>2,89<br>3,47<br>8,87<br>3,77<br>8,83<br>1,62<br>6,11   |  |
| 100.0%              | 1.000                  | 1.000    | 0.997<br>0.990<br>0.988<br>1.000  | 1.000<br>1.000<br>1.000<br>0.999<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   | 108-120                              |   | \$1,851<br>277<br>276<br>277<br>280<br>210<br>281<br>269<br>347<br>347<br>188<br>162  |  |
| 100.0%              | 1.000                  | 1.000    | 1.000<br>1.000<br>1.000<br>1.000  | 1.000<br>0.998<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000  | Months<br>120-132                    |   | \$1,852<br>277<br>276<br>277<br>281<br>281<br>280<br>281<br>283<br>347<br>347<br>347<br>383<br>188  |  |
| 100.0%              | 1.000                  | 1.000    | 0.997<br>0.994<br>0.992<br>1.000  | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000   | Months of Developmer 120-132 132-144 |   | monitus of Develophietic. 20 132  |  |
| 100.0%              | 1.000                  | 1.000    | 0.999<br>0.998<br>0.998<br>1.000  | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>0.994  | ent:<br>144-156                      |   | \$1,852<br>277<br>276<br>277<br>281<br>281<br>289<br>339<br>339<br>837  |  |
| 100.0%              | 1.000                  | 1.000    | 0.999<br>0.998<br>0.998<br>1.000  | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>0.995   | 156-168                              |   | \$1,852<br>277<br>256<br>273<br>210<br>281<br>281<br>287<br>339   |  |
| 100.0%              | 1.000                  | 1.000    | 1.000<br>0.999<br>0.999<br>1.000  | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000  | 168-180                              |   | \$1,852<br>277<br>256<br>273<br>210<br>280<br>287<br>287  |  |
| 100.0%              | 1.000                  | 1.000    | 0.997<br>0.995<br>0.995<br>1.000  | 1.000<br>1.000<br>1.000<br>0.986<br>1.000   | 180-192                              |   | \$1,852<br>277<br>276<br>273<br>209<br>280  |  |
| 100.0%              | 1.000                  | 1.000    | 0.994<br>0.992<br>0.992           | 1.000<br>1.000<br>0.976<br>1.000  | 192-204                              |   | \$1,852<br>277<br>256<br>269<br>209   |  |
| 100.0%              | 1.000                  | 1.000    | 1.149<br>1.052<br>1.149           | 1.000<br>1.448<br>1.000   | 204-216                              |   | \$1,852<br>277<br>250<br>269  |  |
| 100.0%              | 1.000                  | 1.000    | 1.022                             | 1.004<br>1.000  | 216-228                              |   | \$1,852<br>401<br>250   |  |
| 100.0%              | 1.000                  | 1.000    | 1.000                             | 1.000   | 228-240                              |   | \$1,934<br>401  |  |
| 100.0%              | 1.000                  | 1.000    |                                   |   | 240-Ult                              |   | \$1,934   |  |

Section I was provided by the City and previous actuarial studies. Shaded area is the old database.

Exhibit AL-2 (page 3)

Historical Unlimited and Gross of Recoveries Reported Incurred Losses (\$000) and Unlimited and Gross of Recoveries Reported Incurred Loss Development

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|---|----------|--|---|-------------------|---|
| Selected<br>Cumulative<br>Percent Losses Reported | Previous | Average                                      | 2002/03 2003/04 2004/05 2005/06 2005/06 2006/07 2007/08 2008/09 2010/11 2011/12 2011/12 2012/13 2013/14 2014/15 2016/17 2017/18 2018/19 2018/19 2018/19 2018/19 2018/19   | Claim<br>Period   | Claim Period 12 24 36 Period 12 36 Period 12 36 S1,883 2003/04 226 2003/04 2005/06 228 304 2007/08 208/07 178 2009/10 |
| 1.450<br>1.747<br>57.2%                           | 1.500    | 1.483<br>1.441<br>1.412<br>1.512             | 4.866<br>1.412<br>1.341<br>0.871<br>1.128<br>1.398<br>0.878<br>1.396<br>0.878<br>1.141<br>1.366<br>0.878<br>0.174<br>1.361<br>0.640<br>1.174<br>0.911<br>0.911<br>0.991<br>1.565<br>1.590<br>1.1565<br>1.500<br>1.1560<br>1.263 | 12-24             | \$449<br>226<br>228<br>304<br>178<br>1152<br>196<br>209<br>544<br>160<br>177<br>384<br>107<br>61<br>107<br>61<br>107<br>61<br>108<br>209<br>209<br>209<br>209<br>209<br>209<br>209<br>209<br>209<br>209   |
| 1.125<br>1.205<br>83.0%                           | 1.150    | 1.088<br>1.151<br>1.125<br>1.087             | 0.861<br>0.842<br>0.985<br>1.036<br>1.036<br>1.076<br>1.478<br>1.120<br>1.072<br>1.054<br>1.502<br>0.817<br>1.423<br>1.000<br>1.076<br>1.177<br>1.191   | 24-36             | \$2,186<br>301<br>308<br>308<br>309<br>201<br>212<br>212<br>213<br>277<br>103<br>208<br>277<br>103<br>208<br>743<br>208<br>105<br>105<br>107<br>177<br>177<br>177<br>177<br>177<br>177<br>177<br>177<br>177   |
| 1.050<br>1.071<br>93.4%                           | 1.050    | 1.052<br>1.024<br>0.987<br>1.015             | 1.043<br>1.447<br>0.985<br>0.942<br>1.265<br>1.073<br>1.097<br>1.098<br>1.209<br>0.959<br>0.959<br>0.959<br>0.959<br>0.959<br>0.959<br>0.959<br>0.959<br>0.959<br>0.959<br>0.959  | 36-48             | \$1,883<br>301<br>274<br>174<br>174<br>174<br>228<br>254<br>227<br>797<br>797<br>797<br>292<br>154<br>170<br>498<br>105<br>119<br>115<br>115<br>191<br>191<br>195<br>198  |
| 1.020<br>1.020<br>98.0%                           | 1.020    | 1.003<br>0.725<br>0.803<br>0.976             | 0.957<br>0.965<br>0.990<br>0.990<br>1.019<br>1.230<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>0.904<br>1.346<br>0.904<br>1.346<br>1.001<br>0.988<br>0.988<br>0.988  | 48-60             | \$1,965<br>388<br>398<br>296<br>258<br>220<br>245<br>279<br>290<br>963<br>179<br>280<br>963<br>179<br>196<br>191<br>106   |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.987<br>0.985<br>0.924<br>1.004             | 0.984<br>1.104<br>0.934<br>1.098<br>0.962<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.029<br>0.730<br>1.012   | 60-72             | \$1,881<br>\$1,881<br>258<br>275<br>224<br>301<br>471<br>871<br>871<br>377<br>93<br>177<br>93<br>107<br>83  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.982<br>1.021<br>1.005<br>1.000             | 1.000<br>1.002<br>1.000<br>1.000<br>0.977<br>1.000<br>1.001<br>0.746<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000  | 72-84             | \$1,851<br>285<br>287<br>287<br>281<br>281<br>215<br>301<br>279<br>465<br>837<br>377<br>377<br>93<br>177<br>589<br>78   |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.992<br>0.986<br>0.977<br>1.000             | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>0.999<br>0.994<br>1.000<br>1.000<br>0.999<br>0.999  | 84-96             | \$1,851<br>285<br>287<br>287<br>281<br>281<br>281<br>279<br>301<br>279<br>377<br>837<br>837<br>837<br>837<br>837<br>78  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 1.088<br>1.151<br>1.341<br>1.000             | 1.000<br>0.972<br>1.131<br>1.000<br>0.998<br>0.934<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>2.024<br>1.000   | 96-108            | \$1,852<br>285<br>288<br>288<br>281<br>281<br>281<br>289<br>301<br>269<br>347<br>837<br>837<br>377<br>837<br>837  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.997<br>0.990<br>0.988<br>1.000             | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000  | 108-120           | \$1,852<br>\$1,852<br>277<br>291<br>281<br>281<br>289<br>289<br>289<br>347<br>837<br>1188<br>162  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.997<br>1.000<br>1.000<br>1.000             | 1.000<br>0.998<br>0.972<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000  | Months of 120-132 | \$1,853<br>277<br>291<br>281<br>281<br>281<br>289<br>289<br>347<br>837<br>363<br>188  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.984<br>0.994<br>0.992<br>1.000             | 1.000<br>1.000<br>0.880<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000  | of Development:   | Months of Development: 20 132   |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.999<br>0.998<br>0.998<br>1.000             | 1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000   | 44-156            | \$1,853<br>\$7,853<br>277<br>256<br>273<br>210<br>281<br>269<br>339<br>837  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.999<br>0.998<br>0.998<br>1.000             |   | 156-168           | \$1,853<br>277<br>256<br>273<br>210<br>281<br>267<br>339  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 1.000<br>0.999<br>0.999<br>1.000             | 0,1000  | 168-180           | \$1,852<br>277<br>256<br>273<br>210<br>280<br>287   |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.997<br>0.995<br>0.995<br>1.000             | 1.000<br>1.000<br>1.000<br>0.986<br>1.000   |                   | \$1,852<br>277<br>256<br>273<br>209<br>280  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 0.994<br>0.992<br>0.992                      |   | 192-204           | \$1,852<br>266<br>269<br>209  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 1.149<br>1.052<br>1.149                      | 1.000<br>1.448<br>1.000   | 204-216           | \$1,852<br>277<br>250<br>269  |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 1.022  |   | 216-228           | \$1,852<br>401<br>250   |
| 1.000<br>1.000<br>100.0%                          | 1.000    | 1.000  |   | 228-240           | \$1,934<br>401  |
| 1.000<br>1.000<br>100.0%                          | 1.000    |  |   | 240-Ult           | \$1,934   |

Section I was provided by the City and previous actuarial studies. Shaded area is the old database.

Historical Reported Claims and Reported Claim Development

| Selected<br>Cumulative   | Pre      | Aul All Wtd 3 Last 3 Last 5 x-hi,low | 888888888888888888888888888888888888888  | P.C               | T. Reported  | I. Historical<br>C<br>Pe                   |
|--------------------------|----------|--------------------------------------|--|-------------------|--|--|
| ected                    | Previous | Average                              | 2002/03<br>2003/04<br>2004/05<br>2005/06<br>2006/07<br>2006/07<br>2006/09<br>2008/09<br>2008/10<br>2011/12<br>2011/13<br>2011/13<br>2013/14<br>2014/15<br>2016/17<br>2017/18<br>2018/17<br>2017/18<br>2018/17<br>2017/18<br>2018/17<br>2018/19<br>2018/19<br>2018/19 | Claim<br>Period   | 2002/03<br>2003/04<br>2003/06<br>2006/06<br>2006/06<br>2006/07<br>2009/10<br>2010/11<br>2011/12<br>2012/13<br>2013/14<br>2014/15<br>2015/16<br>2016/17<br>2017/18<br>2018/19<br>2019/20<br>2020/21<br>2019/20<br>2021/22 | I. Historical Reported Claims Claim Period |
| 1.250<br>1.288<br>77 6%  | 1.250    | 1.308                                | 1.308  | 12-24             | 9 40 0   | 12   |
| 1.025<br>1.030           | 1.025    | 1.100                                | 1.100  | 24-36             | 5 30   | 24   |
| 1.005<br>1.005<br>99.5%  | 1.005    | 1.000                                | 1.000  | 36-48             | 33 64  | 36   |
| 1.000<br>1.000<br>100.0% | 1.000    | 1.057                                | 1.057  | 48-60             | 6 3  | 48   |
| 1.000<br>1.000<br>100.0% | 1.000    | 1.000                                | 1.000  | 60-72             | 25<br>37   | 60   |
| 1.000                    | 1.000    | 1.000                                | 1.000  | 72-84             | 25<br>25   | 72   |
| 1.000<br>1.000<br>100.0% | 1.000    | 1.000                                | 1.000  | 84-96             | ა <u>წ</u>   | 84   |
| 1.000<br>1.000           | 1.000    | 1.000                                | 1.000  | 96-108            | 513  | 96   |
| 1.000<br>1.000<br>100.0% | 1.000    | 1.000                                | 1.000  | 108-120           | 4 4 3  | 108  |
| 1.000<br>1.000<br>100.0% | 1.000    | 1.000                                | 1.000  | Months<br>120-132 | 50<br>43   | Months<br>120                              |
| 1.000                    | 1.000    | 1.000                                | 1.000  | ğ                 | 57   | Months of Development:<br>120 132          |
| 1.000                    | 1.000    | 1.000                                | 1.000  | 14-156            | 67   | int:<br>144                                |
| 1.000<br>1.000<br>100.0% | 1.000    | 1.000                                | 1.000  | 156-168           | 73   | 156  |
| 1.000<br>1.000           | 1.000    | 1.000                                | G  | 168-180           | 76<br>73   | 168  |
| 1.000<br>1.000<br>100.0% | 1.000    | 1.000                                | 1.000  | 180-192           | 76<br>76   | 180  |
| 1.000<br>1.000<br>100.0% | 1.000    | 1.000                                | 1.000  | 192-204           | 8 8 8<br>6 8   | 192  |
| 1.000<br>1.000<br>100.0% | 1.000    | 1.000                                | 1.000  | 204-216           | 8 8  | 204  |
| 1.000<br>1.000           | 1.000    | 1.000                                | 1.000  | 216-228           | 102  | 216  |
| 1.000<br>1.000<br>100.0% | 1.000    | 1.000                                | 1.000  |                   | 1020   | 228  |
| 1.000<br>1.000<br>100.0% | 1.000    |                                      |  | 240-Ult           | 80   | 240  |

Developed Limited Paid Losses, Reported Incurred Losses and Case Reserves

| 1995/96         324.0         100.0%         100.0%         25,524,466         \$2,524,466   | Claim<br>Period<br>(1) | Months of<br>Development<br>9/30/22<br>(2) | Percent<br>Losses<br>Paid<br>(3) | Percent<br>Losses<br>Reported<br>(4) | Percent<br>Losses<br>Reserved<br>9/30/22<br>((4)-(3))/<br>(100.0%-(3))<br>(5) | Limited<br>Paid<br>Losses<br>9/30/22<br>(6) | Limited<br>Case<br>Reserves<br>9/30/22<br>(7) | Limited<br>Reported<br>Incurred<br>Losses<br>9/30/22<br>(8) | Developed<br>Limited<br>Paid<br>Losses<br>(6)/(3)<br>(9) | Developed<br>Limited<br>Reported<br>Incurred<br>Losses<br>(8)/(4)<br>(10) | Developed<br>Limited<br>Case<br>Reserves<br>(6)+(7)/(5)<br>(11) |
|--|------------------------|--|----------------------------------|--------------------------------------|---|---|---|---|--|---|---|
| 1996/97         312.0         100.0%         100.0%         269,209         0         269,209         269,209         269,209         269,209         1997/98         300.0         100.0%         100.0%         100.0%         100.0%         100.0%         338,112         0         338,112         267,972         267,437         0         254,437         0         254,437         0   | 1005/06                | 224.0                                      | 100.00/                          | 100.00/                              | 100.00/   | \$2.524.466                                 |   | \$0.504.466   | \$2.524.466  | \$2.524.466   | \$2.524.466   |
| 1997/88 300.0 100.0% 100.0% 100.0% 872.488 0 872.488 872.488 872.488 1998/99 288.0 100.0% 100.0% 100.0% 338,112 0 338,112 338,112 338,112 1999/00 276.0 100.0% 100.0% 100.0% 267,972 0 267,972 267,972 267,972 267,972 2000/01 264.0 100.0% 100.0% 100.0% 254.437 0 254.437 254.437 254.437 254.437 264.437 2001/02 252.0 100.0% 100.0% 100.0% 308.602 0 308.602 308.602 308.602 308.602 2002/03 240.0 100.0% 100.0% 100.0% 130 |                        |  |                                  |                                      |   |   | * -   |   |  |   |   |
| 1998/99         288.0         100.0%         100.0%         338,112         0         338,112         267,972         267,473         254,437         254,437         254,437         264,437         264,437         264,437         264,437         264,437         264,437         264,437         264,437<   |                        |  |                                  |                                      |   |   | 0   |   |  |   |   |
| 1999/00         276.0         100.0%         100.0%         267,972         0         267,972         267,483         264,437         254,437<   |                        |  |                                  |                                      |   |   | 0   |   |  |   |   |
| 2000/01         264.0         100.0%         100.0%         254,437         0         254,437         244,61         244,24  |                        |  |                                  |                                      |   |   | 0   |   |  |   |   |
| 2001/02         252.0         100.0%         100.0%         100.0%         308,602         0         308,602 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>- ,-</td> <td></td> <td></td> <td></td>   |                        |  |                                  |                                      |   |   | 0   | - ,-  |  |   |   |
| 2002/03         240.0         100.0%         100.0%         1,934,296         0         1,934,296         100,175         401,135         40   |                        |  |                                  |                                      |   |   | -   |   |  |   |   |
| 2003/04         228.0         100.0%         100.0%         100.0%         401,135         0         401,135 </td <td></td>  |                        |  |                                  |                                      |   |   |   |   |  |   |   |
| 2004/05         216.0         100.0%         100.0%         100.0%         249,841         0         249,841 </td <td></td>  |                        |  |                                  |                                      |   |   |   |   |  |   |   |
| 2005/06         204.0         100.0%         100.0%         100.0%         269,250         0         269,250 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>   |                        |  |                                  |                                      |   |   | -   |   |  |   |   |
| 2006/07         192.0         100.0%         100.0%         100.0%         209,389         0         209,389         204,684         20,482         201,482         201,482         201,489         207,489         207,489         207,489         207,489         207,489         207,489         207,489         207,489         208,389         203,38,692         338,692   |                        |  |                                  |                                      |   |   | •   |   |  |   |   |
| 2007/08         180.0         100.0%         100.0%         100.0%         279,570         0         279,570         38,862         238,862         238,862         238,862         238,862         238,862         233,862 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td>   |                        |  |                                  |                                      |   |   | •   |   |  |   |   |
| 2008/09         168.0         100.0%         100.0%         100.0%         267,489         0         267,489         238,692         338,692         338,692         338,692         338,692         338,692         338,692         338,692         338,692         338,692         338,692         338,692         338,692         338,692         363,296         363,296         363,296         363,296         363,296         363,296         363,296 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td>   |                        |  |                                  |                                      |   |   | 0   |   |  |   |   |
| 2009/10         156.0         100.0%         100.0%         100.0%         338,692         0         338,692         363,296         363,296         363,296         363,296         363,296         363,296         363,296         363,296         363,296         363,296 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td>   |                        |  |                                  |                                      |   |   | 0   |   |  |   |   |
| 2010/11         144.0         100.0%         100.0%         100.0%         837,451         0         837,451         83,896         363,296         363,296         363,296         363,296         363,296         363,296         361,296         184,192         184,192         184,192 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td>   |                        |  |                                  |                                      |   |   | 0   |   |  |   |   |
| 2011/12         132.0         100.0%         100.0%         100.0%         363,296         18,192         18,192         18,192         18,192         18,192         18,192         18,192         18,192         18,196         18,196         18,196         18,196         18,196         18,196         18,196         18,196         18,196         61,0738         610,738         610,738         610,738         610,738         610,738  |                        |  |                                  |                                      |   |   | 0   |   |  |   |   |
| 2013/14         108.0         100.0%         100.0%         100.0%         161,996         0         161,996 </td <td>2011/12</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td>  | 2011/12                |  |                                  |                                      |   |   | 0   |   |  |   |   |
| 2014/15         96.0         100.0%         100.0%         100.0%         610,738         0 610,738         610,738         610,738         610,738           2015/16         84.0         100.0%         100.0%         100.0%         78,295         0         78,295  | 2012/13                | 120.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 188,192                                     | 0   | 188,192   | 188,192  | 188,192   | 188,192   |
| 2015/16         84.0         100.0%         100.0%         100.0%         78,295         0         78,295   | 2013/14                | 108.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 161,996                                     | 0   | 161,996   | 161,996  | 161,996   | 161,996   |
| 2016/17         72.0         100.0%         100.0%         82,896         1,000         83,896         82,896         83,896 <td>2014/15</td> <td>96.0</td> <td>100.0%</td> <td>100.0%</td> <td>100.0%</td> <td>610,738</td> <td>0</td> <td>610,738</td> <td>610,738</td> <td>610,738</td> <td>610,738</td>  | 2014/15                | 96.0                                       | 100.0%                           | 100.0%                               | 100.0%  | 610,738                                     | 0   | 610,738   | 610,738  | 610,738   | 610,738   |
| 2017/18         60.0         98.0%         100.0%         100.0%         100,725         0         100,725         102,781         100,725         100,725           2018/19         48.0         93.4%         98.0%         69.7%         792,337         41,432         833,769         848,327         850,785         851,783           2019/20         36.0         86.9%         93.4%         49.6%         94,920         57,312         152,232         109,229         162,989         210,426           2020/21         24.0         64.4%         83.0%         52.2%         118,591         94,073         212,664         184,148         256,222         298,645  | 2015/16                | 84.0                                       | 100.0%                           | 100.0%                               | 100.0%  | 78,295                                      | 0   | 78,295  | 78,295   | 78,295  | 78,295  |
| 2018/19     48.0     93.4%     98.0%     69.7%     792,337     41,432     833,769     848,327     850,785     851,783       2019/20     36.0     86.9%     93.4%     49.6%     94,920     57,312     152,232     109,229     162,989     210,426       2020/21     24.0     64.4%     83.0%     52.2%     118,591     94,073     212,664     184,148     256,222     298,645   | 2016/17                | 72.0                                       | 100.0%                           | 100.0%                               | 100.0%  | 82,896                                      | 1,000   | 83,896  | 82,896   | 83,896  | 83,896  |
| 2019/20     36.0     86.9%     93.4%     49.6%     94,920     57,312     152,232     109,229     162,989     210,426       2020/21     24.0     64.4%     83.0%     52.2%     118,591     94,073     212,664     184,148     256,222     298,645   | 2017/18                | 60.0                                       | 98.0%                            | 100.0%                               | 100.0%  | 100,725                                     | 0   | 100,725   | 102,781  | 100,725   | 100,725   |
| 2020/21 24.0 64.4% 83.0% 52.2% 118,591 94,073 212,664 184,148 256,222 298,645  | 2018/19                | 48.0                                       | 93.4%                            | 98.0%                                | 69.7%   | 792,337                                     | 41,432  | 833,769   | 848,327  | 850,785   | 851,783   |
|  | 2019/20                | 36.0                                       | 86.9%                            | 93.4%                                | 49.6%   | 94,920                                      | 57,312  | 152,232   | 109,229  | 162,989   | 210,426   |
| 2021/22 12.0 28.6% 57.2% 40.1% 55.697 144.606 200.303 194.745 350.180 416.706  | 2020/21                | 24.0                                       | 64.4%                            | 83.0%                                | 52.2%   | 118,591                                     | 94,073  | 212,664   | 184,148  | 256,222   | 298,645   |
|  | 2021/22                | 12.0                                       | 28.6%                            | 57.2%                                | 40.1%   | 55,697                                      | 144,606                                       | 200,303   | 194,745  | 350,180   | 416,706   |

<sup>(3)</sup> and (4) are based on Exhibit AL-2 (page 1).

<sup>(6), (7)</sup> and (8) are from Exhibit AL-1.

Preliminary Projected Ultimate Limited Losses to 2021/22

| Claim<br>Period<br>(1) | Developed<br>Limited<br>Paid<br>Losses<br>(2) | Developed<br>Limited<br>Reported<br>Incurred<br>Losses<br>(3) | Developed<br>Limited<br>Case<br>Reserves<br>(4) | Preliminary<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(5) |
|------------------------|---|---|---|--|
| 1995/96                | \$2,524,466                                   | \$2,524,466   | \$2,524,466                                     | \$2,524,466  |
| 1996/97                | 269,209                                       | 269,209   | 269,209   | 269,209  |
| 1997/98                | 872,488                                       | 872,488   | 872,488   | 872,488  |
| 1998/99                | 338,112                                       | 338,112   | 338,112   | 338,112  |
| 1999/00                | 267,972                                       | 267,972   | 267,972   | 267,972  |
| 2000/01                | 254,437                                       | 254,437   | 254,437   | 254,437  |
| 2001/02                | 308.602                                       | 308.602   | 308,602   | 308.602  |
| 2002/03                | 1,934,296                                     | 1,934,296   | 1,934,296                                       | 1,934,296  |
| 2003/04                | 401,135                                       | 401,135   | 401,135   | 401,135  |
| 2004/05                | 249,841                                       | 249,841   | 249,841   | 249,841  |
| 2005/06                | 269,250                                       | 269,250   | 269,250   | 269,250  |
| 2006/07                | 209,389                                       | 209,389   | 209,389   | 209,389  |
| 2007/08                | 279,570                                       | 279,570   | 279,570   | 279,570  |
| 2008/09                | 267,489                                       | 267,489   | 267,489   | 267,489  |
| 2009/10                | 338,692                                       | 338,692   | 338,692   | 338,692  |
| 2010/11                | 837,451                                       | 837,451   | 837,451   | 837,451  |
| 2011/12                | 363,296                                       | 363,296   | 363,296   | 363,296  |
| 2012/13                | 188,192                                       | 188,192   | 188,192   | 188,192  |
| 2013/14                | 161,996                                       | 161,996   | 161,996   | 161,996  |
| 2014/15                | 610,738                                       | 610,738   | 610,738   | 610,738  |
| 2015/16                | 78,295  | 78,295  | 78,295  | 78,295   |
| 2016/17                | 82,896  | 83,896  | 83,896  | 93,896   |
| 2017/18                | 102,781                                       | 100,725   | 100,725   | 100,725  |
| 2018/19                | 848,327                                       | 850,785   | 851,783   | 883,769  |
| 2019/20                | 109,229                                       | 162,989   | 210,426   | 202,232  |
| 2020/21                | 184,148                                       | 256,222   | 298,645   | 312,664  |
| 2021/22                | 194,745                                       | 350,180   | 416,706   | 383,443  |

Subject to a minimum of Exhibit AL-1, (10) and minimum 50% of case reserves or \$10,000 per open claim as IBNR for claim periods with open claims.

|            |           | Developed |           |
|------------|-----------|-----------|-----------|
|            | Developed | Limited   | Developed |
|            | Limited   | Reported  | Limited   |
| Claim      | Paid      | Incurred  | Case      |
| Period     | Losses    | Losses    | Reserves  |
|            |           |           |           |
| to 2007/08 | 0.0%      | 0.0%      | 100.0%    |
| 2008/09    | 0.0%      | 0.0%      | 100.0%    |
| 2009/10    | 0.0%      | 0.0%      | 100.0%    |
| 2010/11    | 0.0%      | 0.0%      | 100.0%    |
| 2011/12    | 0.0%      | 0.0%      | 100.0%    |
| 2012/13    | 0.0%      | 10.0%     | 90.0%     |
| 2013/14    | 0.0%      | 20.0%     | 80.0%     |
| 2014/15    | 0.0%      | 30.0%     | 70.0%     |
| 2015/16    | 0.0%      | 40.0%     | 60.0%     |
| 2016/17    | 0.0%      | 50.0%     | 50.0%     |
| 2017/18    | 0.0%      | 50.0%     | 50.0%     |
| 2018/19    | 0.0%      | 50.0%     | 50.0%     |
| 2019/20    | 0.0%      | 50.0%     | 50.0%     |
| 2020/21    | 0.0%      | 50.0%     | 50.0%     |
| 2021/22    | 0.0%      | 50.0%     | 50.0%     |
|            |           |           |           |

<sup>(2), (3)</sup> and (4) are from Exhibit AL-3.

<sup>(5)</sup> is based on (2) to (4), weighted as follows:

## Bornhuetter - Ferguson Analysis

### I. A-priori Loss Rate

| Claim<br>Period<br>(1) | Preliminary<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(2) | Vehicles<br>(3) | Limited<br>Loss Rate<br>per<br>Vehicle<br>(2)/(3)<br>(4) | Loss Rate<br>Trend<br>(2022/23<br>= 1.000)<br>(5) | Trended<br>Limited<br>Loss Rate<br>per<br>Vehicle<br>(4)X(5)<br>(6) | Projected<br>A-priori<br>Loss Rate<br>per<br>Vehicle<br>(7)/(5)<br>(8) |
|------------------------|--|-----------------|--|---|---|--|
| 2017/18                | \$100,725  | 1,186           | \$84.93  | 1.276   | \$108.39  | \$239.10   |
| 2018/19                | 883,769  | 1,428           | 618.89   | 1.216   | 752.26  | 251.06   |
| 2019/20                | 202,232  | 1,505           | 134.37   | 1.158   | 155.55  | 263.61   |
| 2020/21                | 312,664  | 1,467           | 213.13   | 1.103   | 234.98  | 276.79   |
| 2021/22                | 383,443  | 1,466           | 261.56   | 1.050   | 274.64  | 290.63   |

(7) Projected 2022/23 a-priori loss rate per Vehicle

\$305.16

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

|         |           |         |           |          |              | B-F       |
|---------|-----------|---------|-----------|----------|--------------|-----------|
|         |           |         | Projected |          | B-F          | Ultimate  |
|         | Limited   |         | A-priori  |          | Unpaid       | Limited   |
|         | Paid      | Percent | Loss Rate |          | Losses       | Paid      |
| Claim   | Losses    | Losses  | per       |          | (100.0%-(3)) | Losses    |
| Period  | 9/30/22   | Paid    | Vehicle   | Vehicles | X(4)X(5)     | (2)+(6)   |
| (1)     | (2)       | (3)     | (4)       | (5)      | (6)          | (7)       |
| 2017/18 | \$100.725 | 98.0%   | \$239.10  | 1.186    | \$5.672      | \$106.397 |
| 2018/19 | 792,337   | 93.4%   | 251.06    | 1,428    | 23,662       | 815,999   |
| 2019/20 | 94,920    | 86.9%   | 263.61    | 1,505    | 51,972       | 146,892   |
| 2020/21 | 118,591   | 64.4%   | 276.79    | 1,467    | 144,555      | 263,146   |
| 2021/22 | 55,697    | 28.6%   | 290.63    | 1,466    | 304,212      | 359,909   |

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

| Claim<br>Period<br>(1) | Limited<br>Reported<br>Incurred<br>Losses<br>9/30/22<br>(2) | Percent<br>Losses<br>Reported<br>(3) | Projected<br>A-priori<br>Loss Rate<br>per<br>Vehicle<br>(4) | Vehicles<br>(5) | B-F<br>Unreported<br>Losses<br>(100.0%-(3))<br>X(4)X(5)<br>(6) | B-F<br>Ultimate<br>Limited<br>Reported<br>Losses<br>(2)+(6)<br>(7) |
|------------------------|---|--------------------------------------|---|-----------------|--|--|
| 2017/18                | \$100,725   | 100.0%                               | \$239.10  | 1,186           | \$0  | \$100,725  |
| 2018/19                | 833,769   | 98.0%                                | 251.06  | 1,428           | 7,170  | 840,939  |
| 2019/20                | 152,232   | 93.4%                                | 263.61  | 1,505           | 26,185   | 178,417  |
| 2020/21                | 212,664   | 83.0%                                | 276.79  | 1,467           | 69,029   | 281,693  |
| 2021/22                | 200,303   | 57.2%                                | 290.63  | 1,466           | 182,357  | 382,660  |

Section I, (2) is from Exhibit AL-4.

Section I, (3), Section II, (5) and Section III, (5) were provided by the City.

Section I, (5) is from Exhibit AL-12.

Section I, (7) is based on Section I, (6) and the following weights:

| Claim<br>Period | Weight |
|-----------------|--------|
| 2017/18         | 20.0%  |
| 2018/19         | 20.0%  |
| 2019/20         | 20.0%  |
| 2020/21         | 20.0%  |
| 2021/22         | 20.0%  |

Sections II and III, (2) are from Exhibit AL-1.

Sections II and III, (3) are based on Exhibit AL-2 (page 1).

Sections II and III, (4) are from Section I, (8).

## Frequency Times Severity Analysis

# I. Projected Ultimate Claims

| Claim<br>Period<br>(1) | Months of<br>Development<br>9/30/22<br>(2) | Reported<br>Claims<br>9/30/22<br>(3) | Percent<br>Claims<br>Reported<br>(4) | Projected<br>Ultimate<br>Claims<br>(3)/(4)<br>(5) | Reported<br>Open<br>Claims<br>9/30/22<br>(6) | Number of<br>IBNR<br>Claims<br>(5)-(3)<br>(7) | Open<br>Claims<br>9/30/22<br>(6)+(7)<br>(8) |
|------------------------|--|--------------------------------------|--------------------------------------|---|--|---|---|
|                        |  |                                      |                                      |   |  |   |   |
| 2017/18                | 60.0                                       | 37                                   | 100.0%                               | 37  | 0  | 0   | 0   |
| 2018/19                | 48.0                                       | 64                                   | 100.0%                               | 64  | 5  | 0   | 5   |
| 2019/20                | 36.0                                       | 33                                   | 99.5%                                | 33  | 5  | 0   | 5   |
| 2020/21                | 24.0                                       | 51                                   | 97.1%                                | 53  | 10   | 2   | 12  |
| 2021/22                | 12.0                                       | 40                                   | 77.6%                                | 52  | 15   | 12  | 27  |

# II. Frequency Times Severity

| Claim<br>Period<br>(1) | Preliminary<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(2) | Projected<br>Ultimate<br>Claims<br>(3) | Average<br>Severity<br>(2)/(3)<br>(4) | Severity<br>Trend<br>(2022/23<br>= 1.000)<br>(5) | Trended<br>Average<br>Claim<br>Severity<br>(4)X(5)<br>(6) | De-Trended<br>Projected<br>2022/23<br>Average<br>Claim<br>Severity<br>(7)/(5)<br>(8) | Frequency<br>Times<br>Severity<br>(3)X(8)<br>(9) |
|------------------------|--|--|---------------------------------------|--|---|--|--|
| 2017/18                | \$100,725  | 37                                     | \$2,722                               | 1.276  | \$3,474   | \$6,519  | \$241,201  |
| 2018/19                | 883,769  | 64                                     | 13,809                                | 1.216  | 16,785  | 6,845  | 438,073  |
| 2019/20                | 202,232  | 33                                     | 6,128                                 | 1.158  | 7,094   | 7,187  | 237,175  |
| 2020/21                | 312,664  | 53                                     | 5,899                                 | 1.103  | 6,504   | 7,546  | 399,964  |
| 2021/22                | 383,443  | 52                                     | 7,374                                 | 1.050  | 7,743   | 7,924  | 412,038  |

(7) Projected 2022/23 average claim severity

\$8,320

Section I, (3) and (6) are from Exhibit AL-1.

Section I, (4) is from Exhibit AL-2.

Section II, (2) is from Exhibit AL-4.

Section II, (3) is from Section I, (5).

Section II, (5) is from Exhibit AL-12.

Section II, (7) is based on (6) and the following weights:

| Claim<br>Period | Weight |
|-----------------|--------|
| 2017/18         | 20.0%  |
| 2018/19         | 20.0%  |
| 2019/20         | 20.0%  |
| 2020/21         | 20.0%  |
| 2021/22         | 20.0%  |

### Projected Ultimate Limited Losses to 2021/22

|         |             |             |             |          |          |           | Previous    |             | Change in |
|---------|-------------|-------------|-------------|----------|----------|-----------|-------------|-------------|-----------|
|         |             | Developed   |             | B-F      | B-F      |           | Projected   |             | Projected |
|         | Developed   | Limited     | Developed   | Paid     | Reported | _         | Ultimate    | Projected   | Ultimate  |
|         | Limited     | Reported    | Limited     | Method   | Method   | Frequency | Limited     | Ultimate    | Limited   |
| Claim   | Paid        | Incurred    | Case        | Ultimate | Ultimate | Times     | Losses      | Limited     | Losses    |
| Period  | Losses      | Losses      | Reserves    | Losses   | Losses   | Severity  | (9/30/21)   | Losses      | (9)-(8)   |
| (1)     | (2)         | (3)         | (4)         | (5)      | (6)      | (7)       | (8)         | (9)         | (10)      |
| 1995/96 | \$2,524,466 | \$2,524,466 | \$2,524,466 |          |          |           | \$2,524,466 | \$2,524,466 | \$0       |
| 1996/97 | 269,209     | 269,209     | 269,209     |          |          |           | 269,209     | 269,209     | 0         |
| 1997/98 | 872,488     | 872,488     | 872,488     |          |          |           | 872,488     | 872,488     | 0         |
| 1998/99 | 338,112     | 338,112     | 338,112     |          |          |           | 338,112     | 338,112     | 0         |
| 1999/00 | 267,972     | 267,972     | 267,972     |          |          |           | 267,972     | 267,972     | 0         |
| 2000/01 | 254,437     | 254,437     | 254,437     |          |          |           | 254,437     | 254,437     | 0         |
| 2001/02 | 308,602     | 308,602     | 308,602     |          |          |           | 308,602     | 308,602     | 0         |
| 2002/03 | 1,934,296   | 1,934,296   | 1,934,296   |          |          |           | 1,934,296   | 1,934,296   | 0         |
| 2003/04 | 401,135     | 401,135     | 401,135     |          |          |           | 401,135     | 401,135     | 0         |
| 2004/05 | 249,841     | 249,841     | 249,841     |          |          |           | 249,841     | 249,841     | 0         |
| 2005/06 | 269,250     | 269,250     | 269,250     |          |          |           | 269,250     | 269,250     | 0         |
| 2006/07 | 209,389     | 209,389     | 209,389     |          |          |           | 209,389     | 209,389     | 0         |
| 2007/08 | 279,570     | 279,570     | 279,570     |          |          |           | 279,570     | 279,570     | 0         |
| 2008/09 | 267,489     | 267,489     | 267,489     |          |          |           | 267,489     | 267,489     | 0         |
| 2009/10 | 338,692     | 338,692     | 338,692     |          |          |           | 338,692     | 338,692     | 0         |
| 2010/11 | 837,451     | 837,451     | 837,451     |          |          |           | 837,451     | 837,451     | 0         |
| 2011/12 | 363,296     | 363,296     | 363,296     |          |          |           | 363,296     | 363,296     | 0         |
| 2012/13 | 188,192     | 188,192     | 188,192     |          |          |           | 188,192     | 188,192     | 0         |
| 2013/14 | 161,996     | 161,996     | 161,996     |          |          |           | 161,996     | 161,996     | 0         |
| 2014/15 | 610,738     | 610,738     | 610,738     |          |          |           | 610,738     | 610,738     | 0         |
| 2015/16 | 78,295      | 78,295      | 78,295      |          |          |           | 78,295      | 78,295      | 0         |
| 2016/17 | 82,896      | 83,896      | 83,896      |          |          |           | 82,896      | 93,896      | 11,000    |
| 2017/18 | 102,781     | 100,725     | 100,725     | 106,397  | 100,725  | 241,201   | 110,725     | 100,725     | (10,000)  |
| 2018/19 | 848,327     | 850,785     | 851,783     | 815,999  | 840,939  | 438,073   | 870,032     | 883,769     | 13,737    |
| 2019/20 | 109,229     | 162,989     | 210,426     | 146,892  | 178,417  | 237,175   | 213,129     | 202,232     | (10,897)  |
| 2020/21 | 184,148     | 256,222     | 298,645     | 263,146  | 281,693  | 399,964   | 319,137     | 312,664     | (6,473)   |
| 2021/22 | 194,745     | 350,180     | 416,706     | 359,909  | 382,660  | 412,038   | 391,330     | 377,364     | (13,966)  |
|         |             |             |             |          |          |           |             |             |           |

Subject to a minimum of Exhibit AL-1, (10) and minimum 50% of case reserves or \$10,000 per open claim as IBNR for claim periods with open claims.

| Claim<br>Period | Developed<br>Limited<br>Paid<br>Losses | Developed<br>Limited<br>Reported<br>Incurred<br>Losses | Developed<br>Limited<br>Case<br>Reserves | B-F<br>Paid<br>Method<br>Ultimate<br>Losses | B-F<br>Reported<br>Method<br>Ultimate<br>Losses | Frequency<br>Times<br>Severity | Previous<br>Projected<br>Ultimate<br>Limited<br>Losses |
|-----------------|--|--|--|---|---|--------------------------------|--|
| to 2007/08      | 0.0%                                   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2008/09         | 0.0%                                   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2009/10         | 0.0%                                   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2010/11         | 0.0%                                   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2011/12         | 0.0%                                   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2012/13         | 0.0%                                   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2013/14         | 0.0%                                   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2014/15         | 0.0%                                   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2015/16         | 0.0%                                   | 10.0%  | 90.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2016/17         | 0.0%                                   | 20.0%  | 80.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2017/18         | 0.0%                                   | 30.0%  | 70.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2018/19         | 0.0%                                   | 40.0%  | 60.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2019/20         | 0.0%                                   | 50.0%  | 50.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2020/21         | 0.0%                                   | 40.0%  | 40.0%                                    | 10.0%                                       | 10.0%   | 0.0%                           | 0.0%   |
| 2021/22         | 0.0%                                   | 25.0%  | 25.0%                                    | 25.0%                                       | 25.0%   | 0.0%                           | 0.0%   |
| Total Last 5    | \$1,439,228                            | \$1,720,901  | \$1,878,285                              | \$1,692,343                                 | \$1,784,434                                     | \$1,728,451                    | \$1,904,354  |

Average projected ultimate limited losses total last 5, excluding previous: Projected ultimate limited losses total last 5

\$1,707,274 \$1,876,754

<sup>(2), (3)</sup> and (4) are from Exhibit AL-3.

<sup>(5)</sup> and (6) are from Exhibit AL-5.

<sup>(7)</sup> is from Exhibit AL-6.

<sup>(8)</sup> is from the previous study.

<sup>(9)</sup> is based on (2) to (8), weighted as follows:

## Projected Ultimate Limited Losses for 2022/23 and Subsequent

| Claim<br>Period<br>(1)<br> | Projected Ultimate Limited Losses (2) \$100,725 883,769 202,232 312,664 377,364 | Vehicles<br>(3)<br>1,186<br>1,428<br>1,505<br>1,467<br>1,466 | Limited<br>Loss Rate<br>per<br>Vehicle<br>(2)/(3)<br>(4)<br>\$84.93<br>618.89<br>134.37<br>213.13<br>257.41 | Loss Rate Trend (2022/23 = 1.000) (5)  1.276 1.216 1.158 1.103 1.050 | Trended<br>Limited<br>Loss Rate<br>per<br>Vehicle<br>(4)X(5)<br>(6)<br>\$108.39<br>752.26<br>155.55<br>234.98<br>270.28 |   |
|----------------------------|---|--|---|--|---|---|
| Total                      | \$1,876,754   | 7,052  | \$266.13  |  | \$304.29  |   |
| Claim<br>Period<br>(1)     | Projected<br>Limited<br>Loss Rate<br>per<br>Vehicle<br>(7)                      | Projected<br>Vehicles<br>(8)                                 | Projected Ultimate Limited Losses (7)X(8) (9)   | Present<br>Value<br>Factor<br>(10)                                   | Present Value of Projected Limited Loss Rate per Vehicle (7)X(10) (11)  | Present<br>Value of<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(8)X(11)<br>(12) |
| 2022/23                    | \$304.29  | 1,481  | \$450,554   | 0.93   | \$283.91  | \$420,367   |
| 2023/24<br>2024/25         | 319.51<br>335.48  | 1,495<br>1,510   | 477,813<br>506,721  | 0.93<br>0.93   | 298.10<br>313.01  | 445,799<br>472,770  |
| 2025/26                    | 352.26  | 1,526  | 537,377   | 0.93   | 328.66  | 501,373   |
| 2026/27                    | 369.87  | 1,541  | 569,888   | 0.93   | 345.09  | 531,706   |

| Claim<br>Period | Weight |  |  |
|-----------------|--------|--|--|
| 2017/18         | 20.0%  |  |  |
| 2018/19         | 20.0%  |  |  |
| 2019/20         | 20.0%  |  |  |
| 2020/21         | 20.0%  |  |  |
| 2021/22         | 20.0%  |  |  |

<sup>(2)</sup> is from Exhibit AL-7.

<sup>(3)</sup> was provided by the City.

<sup>(5)</sup> is from Exhibit AL-12.

<sup>(7)</sup> for 2022/23 is based on (6) and the following weights:

<sup>(7)</sup> for 2023/24 and subsequent are based on 2022/23 plus the trend in Exhibit AL-12.

<sup>(8)</sup> is based on (3) for 2021/22 and a 1% trend.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit AL-2 (page 1).

Estimated Outstanding Losses as of September 30, 2022

|         | Limited<br>Paid | Limited<br>Case | Limited<br>Reported<br>Incurred | Projected<br>Ultimate | Estimated Outstanding Losses | Estimated<br>IBNR |
|---------|-----------------|-----------------|---------------------------------|-----------------------|------------------------------|-------------------|
| Claim   | Losses          | Reserves        | Losses                          | Limited               | 9/30/22                      | 9/30/22           |
| Period  | 9/30/22         | 9/30/22         | 9/30/22                         | Losses                | (5)-(2)                      | (6)-(3)           |
| (1)     | (2)             | (3)             | (4)                             | (5)                   | (6)                          | (7)               |
| 1995/96 | \$2,524,466     | \$0             | \$2,524,466                     | \$2,524,466           | \$0                          | \$0               |
| 1996/97 | 269,209         | 0               | 269,209                         | 269,209               | 0                            | 0                 |
| 1997/98 | 872,488         | 0               | 872,488                         | 872,488               | 0                            | 0                 |
| 1998/99 | 338,112         | 0               | 338,112                         | 338,112               | 0                            | 0                 |
| 1999/00 | 267,972         | 0               | 267,972                         | 267,972               | 0                            | 0                 |
| 2000/01 | 254,437         | 0               | 254,437                         | 254,437               | 0                            | 0                 |
| 2001/02 | 308,602         | 0               | 308,602                         | 308,602               | 0                            | 0                 |
| 2002/03 | 1,934,296       | 0               | 1,934,296                       | 1,934,296             | 0                            | 0                 |
| 2003/04 | 401,135         | 0               | 401,135                         | 401,135               | 0                            | 0                 |
| 2004/05 | 249,841         | 0               | 249,841                         | 249,841               | 0                            | 0                 |
| 2005/06 | 269,250         | 0               | 269,250                         | 269,250               | 0                            | 0                 |
| 2006/07 | 209,389         | 0               | 209,389                         | 209,389               | 0                            | 0                 |
| 2007/08 | 279,570         | 0               | 279,570                         | 279,570               | 0                            | 0                 |
| 2008/09 | 267,489         | 0               | 267,489                         | 267,489               | 0                            | 0                 |
| 2009/10 | 338,692         | 0               | 338,692                         | 338,692               | 0                            | 0                 |
| 2010/11 | 837,451         | 0               | 837,451                         | 837,451               | 0                            | 0                 |
| 2011/12 | 363,296         | 0               | 363,296                         | 363,296               | 0                            | 0                 |
| 2012/13 | 188,192         | 0               | 188,192                         | 188,192               | 0                            | 0                 |
| 2013/14 | 161,996         | 0               | 161,996                         | 161,996               | 0                            | 0                 |
| 2014/15 | 610,738         | 0               | 610,738                         | 610,738               | 0                            | 0                 |
| 2015/16 | 78,295          | 0               | 78,295                          | 78,295                | 0                            | 0                 |
| 2016/17 | 82,896          | 1,000           | 83,896                          | 93,896                | 11,000                       | 10,000            |
| 2017/18 | 100,725         | 0               | 100,725                         | 100,725               | 0                            | 0                 |
| 2018/19 | 792,337         | 41,433          | 833,769                         | 883,769               | 91,432                       | 49,999            |
| 2019/20 | 94,920          | 57,312          | 152,232                         | 202,232               | 107,312                      | 50,000            |
| 2020/21 | 118,591         | 94,074          | 212,664                         | 312,664               | 194,073                      | 99,999            |
| 2021/22 | 55,697          | 144,606         | 200,303                         | 377,364               | 321,667                      | 177,061           |
| Total   | \$12,270,082    | \$338,425       | \$12,608,505                    | \$12,995,566          | \$725,484                    | \$387,059         |

<sup>(2), (3)</sup> and (4) are from Exhibit AL-1, and net of the specific self insured retention and aggregate retention.

<sup>(5)</sup> is from Exhibit AL-7.

Present Value of Estimated Outstanding Losses as of December 31, 2021

| Claim<br>Period<br>(1) | Estimated<br>Outstanding<br>Losses<br>9/30/22<br>(2) | Present<br>Value<br>Factor<br>(3) | Present Value of Estimated Outstanding Losses 9/30/22 (2)X(3) (4) | Anticipated<br>Future<br>Investment<br>Income<br>(2)-(4)<br>(5) |
|------------------------|--|-----------------------------------|---|---|
| 1995/96                | \$0  | 1.00                              | \$0   | \$0   |
| 1996/97                | 0  | 1.00                              | 0   | 0   |
| 1997/98                | 0  | 1.00                              | 0   | 0   |
| 1998/99                | 0  | 1.00                              | 0   | 0   |
| 1999/00                | 0  | 1.00                              | 0   | 0   |
| 2000/01                | 0  | 1.00                              | 0   | 0   |
| 2001/02                | 0  | 1.00                              | 0   | 0   |
| 2002/03                | 0  | 1.00                              | 0   | 0   |
| 2003/04                | 0  | 1.00                              | 0   | 0   |
| 2004/05                | 0  | 1.00                              | 0   | 0   |
| 2005/06                | 0  | 1.00                              | 0   | 0   |
| 2006/07                | 0  | 1.00                              | 0   | 0   |
| 2007/08                | 0  | 1.00                              | 0   | 0   |
| 2008/09                | 0  | 1.00                              | 0   | 0   |
| 2009/10                | 0  | 1.00                              | 0   | 0   |
| 2010/11                | 0  | 1.00                              | 0   | 0   |
| 2011/12                | 0  | 1.00                              | 0   | 0   |
| 2012/13                | 0  | 1.00                              | 0   | 0   |
| 2013/14                | 0  | 1.00                              | 0   | 0   |
| 2014/15                | 0  | 1.00                              | 0   | 0   |
| 2015/16                | 0  | 1.00                              | 0   | 0   |
| 2016/17                | 11,000   | 1.00                              | 11,000  | 0   |
| 2017/18                | 0  | 0.98                              | 0   | 0   |
| 2018/19                | 91,432   | 0.97                              | 88,598  | 2,834   |
| 2019/20                | 107,312  | 0.96                              | 102,590   | 4,722   |
| 2020/21                | 194,073  | 0.96                              | 185,922   | 8,151   |
| 2021/22                | 321,667  | 0.95                              | 305,905   | 15,762  |
| Total                  | \$725,484  |                                   | \$694,015   | \$31,469  |

<sup>(2)</sup> is from Exhibit AL-9.

<sup>(3)</sup> is based on a 4% interest rate and the payout pattern in Exhibit AL-2 (page 1).

Projected Losses Paid October 1, 2022 to September 30, 2023

| \$724,955   |                  | \$756,986                            | \$419,052                   | \$1,176,038                  |  |                   |           |                   |                       | Total   |
|---|------------------|--------------------------------------|-----------------------------|------------------------------|--|-------------------|-----------|-------------------|-----------------------|---------|
| 305,933   | 0.95             | 321,696                              | 128,858                     | 450,554                      | 28.6% *  | 28.6%             | 12.0      | 0.0%              | 0.0                   | 2022/23 |
| 184,894   | 0.96             | 193,000                              | 128,667                     | 321,667                      | 40.0% *  | 64.4%             | 24.0      | 28.6%             | 12.0                  | 2021/22 |
| 111,320   | 0.96             | 116,444                              | 77,629                      | 194,073                      | 40.0% *  | 86.9%             | 36.0      | 64.4%             | 24.0                  | 2020/21 |
| 62,391  | 0.97             | 64,387                               | 42,925                      | 107,312                      | 40.0% *  | 93.4%             | 48.0      | 86.9%             | 36.0                  | 2019/20 |
| 53,817  | 0.98             | 54,859                               | 36,573                      | 91,432                       | 40.0% *  | 98.0%             | 60.0      | 93.4%             | 48.0                  | 2018/19 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 72.0      | 98.0%             | 60.0                  | 2017/18 |
| 6,600   | 1.00             | 6,600                                | 4,400                       | 11,000                       | 40.0% *  | 100.0%            | 84.0      | 100.0%            | 72.0                  | 2016/17 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 96.0      | 100.0%            | 84.0                  | 2015/16 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 108.0     | 100.0%            | 96.0                  | 2014/15 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 120.0     | 100.0%            | 108.0                 | 2013/14 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 132.0     | 100.0%            | 120.0                 | 2012/13 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 144.0     | 100.0%            | 132.0                 | 2011/12 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 156.0     | 100.0%            | 144.0                 | 2010/11 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 168.0     | 100.0%            | 156.0                 | 2009/10 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 180.0     | 100.0%            | 168.0                 | 2008/09 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 192.0     | 100.0%            | 180.0                 | 2007/08 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 204.0     | 100.0%            | 192.0                 | 2006/07 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 216.0     | 100.0%            | 204.0                 | 2005/06 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 228.0     | 100.0%            | 216.0                 | 2004/05 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 240.0     | 100.0%            | 228.0                 | 2003/04 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 252.0     | 100.0%            | 240.0                 | 2002/03 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 264.0     | 100.0%            | 252.0                 | 2001/02 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 276.0     | 100.0%            | 264.0                 | 2000/01 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 288.0     | 100.0%            | 276.0                 | 1999/00 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 300.0     | 100.0%            | 288.0                 | 1998/99 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 312.0     | 100.0%            | 300.0                 | 1997/98 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *  | 100.0%            | 324.0     | 100.0%            | 312.0                 | 1996/97 |
| \$0   | 1.00             | \$0                                  | \$0                         | \$0                          | 40.0% *  | 100.0%            | 336.0     | 100.0%            | 324.0                 | 1995/96 |
| (11)  | (10)             | (9)                                  | (8)                         | (7)                          | (6)  | (5)               | (4)       | (3)               | (2)                   | (1)     |
| (9)X(10)  | Factor           | (7)-(8)                              | (6)X(7)                     | 9/30/22                      | (100.0%-(3))   | Paid              | 9/30/23   | Paid              | 9/30/22               | Period  |
| Present Value of Estimated Outstanding Losses 9/30/23 | Present<br>Value | Estimated Outstanding Losses 9/30/23 | Projected<br>Losses<br>Paid | Estimated Outstanding Losses | Outstanding<br>Losses<br>Paid<br>10/1/22 to<br>9/30/23<br>((5)-(3))/ | Percent<br>Losses | Months of | Percent<br>Losses | Months of Development | Claim   |
|   |                  |                                      |                             |                              | J  |                   |           |                   |                       |         |

<sup>\* -</sup> Limited to a maximum of 40% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit AL-2 (page 1).

<sup>(7)</sup> to 2021/22 is from Exhibit AL-9. The amount for 2022/23 is from Exhibit AL-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit AL-2 (page 1).

Projected Losses Paid October 1, 2023 to September 30, 2024

| \$762,530                              |         | \$795,349             | \$439,450 | \$1,234,799 |                                    |        |             |             |             | Total   |
|--|---------|-----------------------|-----------|-------------|------------------------------------|--------|-------------|-------------|-------------|---------|
| 324,441                                | 0.95    | 341,158               | 136,655   | 477,813     | 28.6% *                            | 28.6%  | 12.0        | 0.0%        | 0.0         | 2023/24 |
| 184,911                                | 0.96    | 193,018               | 128,678   | 321,696     | 40.0% *                            | 64.4%  | 24.0        | 28.6%       | 12.0        | 2022/23 |
| 110,705                                | 0.96    | 115,800               | 77,200    | 193,000     | 40.0% *                            | 86.9%  | 36.0        | 64.4%       | 24.0        | 2021/22 |
| 67,700                                 | 0.97    | 69,866                | 46,578    | 116,444     | 40.0% *                            | 93.4%  | 48.0        | 86.9%       | 36.0        | 2020/21 |
| 37,898                                 | 0.98    | 38,632                | 25,755    | 64,387      | 40.0% *                            | 98.0%  | 60.0        | 93.4%       | 48.0        | 2019/20 |
| 32,915                                 | 1.00    | 32,915                | 21,944    | 54,859      | 40.0% *                            | 100.0% | 72.0        | 98.0%       | 60.0        | 2018/19 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 84.0        | 100.0%      | 72.0        | 2017/18 |
| 3,960                                  | 1.00    | 3,960                 | 2,640     | 6,600       | 40.0% *                            | 100.0% | 96.0        | 100.0%      | 84.0        | 2016/17 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 108.0       | 100.0%      | 96.0        | 2015/16 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 120.0       | 100.0%      | 108.0       | 2014/15 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 132.0       | 100.0%      | 120.0       | 2013/14 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 144.0       | 100.0%      | 132.0       | 2012/13 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 156.0       | 100.0%      | 144.0       | 2011/12 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 168.0       | 100.0%      | 156.0       | 2010/11 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 180.0       | 100.0%      | 168.0       | 2009/10 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 192.0       | 100.0%      | 180.0       | 2008/09 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 204.0       | 100.0%      | 192.0       | 2007/08 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 216.0       | 100.0%      | 204.0       | 2006/07 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 228.0       | 100.0%      | 216.0       | 2005/06 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 240.0       | 100.0%      | 228.0       | 2004/05 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 252.0       | 100.0%      | 240.0       | 2003/04 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 264.0       | 100.0%      | 252.0       | 2002/03 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 276.0       | 100.0%      | 264.0       | 2001/02 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 288.0       | 100.0%      | 276.0       | 2000/01 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 300.0       | 100.0%      | 288.0       | 1999/00 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 312.0       | 100.0%      | 300.0       | 1998/99 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 324.0       | 100.0%      | 312.0       | 1997/98 |
| 0                                      | 1.00    | 0                     | 0         | 0           | 40.0% *                            | 100.0% | 336.0       | 100.0%      | 324.0       | 1996/97 |
| \$0                                    | 1.00    | \$0                   | \$0       | \$0         | 40.0% *                            | 100.0% | 348.0       | 100.0%      | 336.0       | 1995/96 |
| (11)                                   | (10)    | (9)                   | (8)       | (7)         | (6)                                | (5)    | (4)         | (3)         | (2)         | (1)     |
| (9)X(10)                               | Factor  | (7)-(8)               | (6)X(7)   | 9/30/23     | (100.0%-(3))                       | Paid   | 9/30/24     | Paid        | 9/30/23     | Period  |
| 9/30/24                                | Value   | 9/30/24               | Paid      | Losses      | ((5)-(3))/                         | Losses | Development | Losses      | Development | Claim   |
| Present Value of Estimated Outstanding | Dropper | Estimated Outstanding | Projected | Estimated   | Outstanding Losses Paid 10/1/23 to | Doropo | Mosths of   | Description | Months of   |         |
|  |         |                       |           |             | Percent                            |        |             |             |             |         |

<sup>\* -</sup> Limited to a maximum of 40% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit AL-2 (page 1).

<sup>(7)</sup> to 2022/23 is from Exhibit AL-11 (page 1), (9). The amount for 2023/24 is from Exhibit AL-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit AL-2 (page 1).

Projected Losses Paid October 1, 2024 to September 30, 2025

| \$804,638                              |          | \$839,009             | \$463,061 | \$1,302,070 |  |        |             |        |             | Total   |
|--|----------|-----------------------|-----------|-------------|--|--------|-------------|--------|-------------|---------|
| 344,071                                | 0.95     | 361,799               | 144,922   | 506,721     | 28.6% *                                    | 28.6%  | 12.0        | 0.0%   | 0.0         | 2024/25 |
| 196,098                                | 0.96     | 204,695               | 136,463   | 341,158     | 40.0% *                                    | 64.4%  | 24.0        | 28.6%  | 12.0        | 2023/24 |
| 110,715                                | 0.96     | 115,811               | 77,207    | 193,018     | 40.0% *                                    | 86.9%  | 36.0        | 64.4%  | 24.0        | 2022/23 |
| 67,326                                 | 0.97     | 69,480                | 46,320    | 115,800     | 40.0% *                                    | 93.4%  | 48.0        | 86.9%  | 36.0        | 2021/22 |
| 41,124                                 | 0.98     | 41,920                | 27,946    | 69,866      | 40.0% *                                    | 98.0%  | 60.0        | 93.4%  | 48.0        | 2020/21 |
| 23,179                                 | 1.00     | 23,179                | 15,453    | 38,632      | 40.0% *                                    | 100.0% | 72.0        | 98.0%  | 60.0        | 2019/20 |
| 19,749                                 | 1.00     | 19,749                | 13,166    | 32,915      | 40.0% *                                    | 100.0% | 84.0        | 100.0% | 72.0        | 2018/19 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 96.0        | 100.0% | 84.0        | 2017/18 |
| 2,376                                  | 1.00     | 2,376                 | 1,584     | 3,960       | 40.0% *                                    | 100.0% | 108.0       | 100.0% | 96.0        | 2016/17 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 120.0       | 100.0% | 108.0       | 2015/16 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 132.0       | 100.0% | 120.0       | 2014/15 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 144.0       | 100.0% | 132.0       | 2013/14 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 156.0       | 100.0% | 144.0       | 2012/13 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 168.0       | 100.0% | 156.0       | 2011/12 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 180.0       | 100.0% | 168.0       | 2010/11 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 192.0       | 100.0% | 180.0       | 2009/10 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 204.0       | 100.0% | 192.0       | 2008/09 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 216.0       | 100.0% | 204.0       | 2007/08 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 228.0       | 100.0% | 216.0       | 2006/07 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 240.0       | 100.0% | 228.0       | 2005/06 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 252.0       | 100.0% | 240.0       | 2004/05 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 264.0       | 100.0% | 252.0       | 2003/04 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 276.0       | 100.0% | 264.0       | 2002/03 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 288.0       | 100.0% | 276.0       | 2001/02 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 300.0       | 100.0% | 288.0       | 2000/01 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 312.0       | 100.0% | 300.0       | 1999/00 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 324.0       | 100.0% | 312.0       | 1998/99 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 336.0       | 100.0% | 324.0       | 1997/98 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0% | 348.0       | 100.0% | 336.0       | 1996/97 |
| \$0                                    | 1.00     | \$0                   | \$0       | \$0         | 40.0% *                                    | 100.0% | 360.0       | 100.0% | 348.0       | 1995/96 |
| (11)                                   | (10)     | (9)                   | (8)       | (7)         | (6)  | (5)    | (4)         | (3)    | (2)         | (1)     |
| (9)X(10)                               | Factor   | (7)-(8)               | (6)X(7)   | 9/30/24     | (100.0%-(3))                               | Paid   | 9/30/25     | Paid   | 9/30/24     | Period  |
| 9/30/25                                | Value    | 9/30/25               | Paid      | Losses      | ((5)-(3))/                                 | Losses | Development | Losses | Development | Claim   |
| Present Value of Estimated Outstanding | Droppos+ | Estimated Outstanding | Projected | Estimated   | Percent Outstanding Losses Paid 10/1/24 to | Dog    | No.         | D      | Months of   |         |
|  |          |                       |           |             |  |        |             |        |             |         |

<sup>\* -</sup> Limited to a maximum of 40% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit AL-2 (page 1).

<sup>(7)</sup> to 2023/24 is from Exhibit AL-11 (page 2), (9). The amount for 2024/25 is from Exhibit AL-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit AL-2 (page 1).

Projected Losses Paid October 1, 2025 to September 30, 2026

| \$850,824   |                  | \$887,092                            | \$489,294                   | \$1,376,386                  |   |         |           |         |           | Total   |
|---|------------------|--------------------------------------|-----------------------------|------------------------------|---|---------|-----------|---------|-----------|---------|
| 364,886   | 0.95             | 383,687                              | 153,690                     | 537,377                      | 28.6% *   | 28.6%   | 12.0      | 0.0%    | 0.0       | 2025/26 |
| 207,962   | 0.96             | 217,079                              | 144,720                     | 361,799                      | 40.0% *   | 64.4%   | 24.0      | 28.6%   | 12.0      | 2024/25 |
| 117,413   | 0.96             | 122,817                              | 81,878                      | 204,695                      | 40.0% *   | 86.9%   | 36.0      | 64.4%   | 24.0      | 2023/24 |
| 67,333  | 0.97             | 69,487                               | 46,324                      | 115,811                      | 40.0% *   | 93.4%   | 48.0      | 86.9%   | 36.0      | 2022/23 |
| 40,896  | 0.98             | 41,688                               | 27,792                      | 69,480                       | 40.0% *   | 98.0%   | 60.0      | 93.4%   | 48.0      | 2021/22 |
| 25,152  | 1.00             | 25,152                               | 16,768                      | 41,920                       | 40.0% *   | 100.0%  | 72.0      | 98.0%   | 60.0      | 2020/21 |
| 13,907  | 1.00             | 13,907                               | 9,272                       | 23,179                       | 40.0% *   | 100.0%  | 84.0      | 100.0%  | 72.0      | 2019/20 |
| 11,849  | 1.00             | 11,849                               | 7,900                       | 19,749                       | 40.0% *   | 100.0%  | 96.0      | 100.0%  | 84.0      | 2018/19 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 108.0     | 100.0%  | 96.0      | 2017/18 |
| 1,426   | 1.00             | 1,426                                | 950                         | 2,376                        | 40.0% *   | 100.0%  | 120.0     | 100.0%  | 108.0     | 2016/17 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 132.0     | 100.0%  | 120.0     | 2015/16 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 144.0     | 100.0%  | 132.0     | 2014/15 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 156.0     | 100.0%  | 144.0     | 2013/14 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 168.0     | 100.0%  | 156.0     | 2012/13 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 180.0     | 100.0%  | 168.0     | 2011/12 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 192.0     | 100.0%  | 180.0     | 2010/11 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 204.0     | 100.0%  | 192.0     | 2009/10 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 216.0     | 100.0%  | 204.0     | 2008/09 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 228.0     | 100.0%  | 216.0     | 2007/08 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 240.0     | 100.0%  | 228.0     | 2006/07 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 252.0     | 100.0%  | 240.0     | 2005/06 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 264.0     | 100.0%  | 252.0     | 2004/05 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 276.0     | 100.0%  | 264.0     | 2003/04 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 288.0     | 100.0%  | 276.0     | 2002/03 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 300.0     | 100.0%  | 288.0     | 2001/02 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 312.0     | 100.0%  | 300.0     | 2000/01 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 324.0     | 100.0%  | 312.0     | 1999/00 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 336.0     | 100.0%  | 324.0     | 1998/99 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 348.0     | 100.0%  | 336.0     | 1997/98 |
| 0   | 1.00             | 0                                    | 0                           | 0                            | 40.0% *   | 100.0%  | 360.0     | 100.0%  | 348.0     | 1996/97 |
| \$0   | 1.00             | \$0                                  | \$0                         | \$0                          | 40.0% *   | 100.0%  | 372.0     | 100.0%  | 360.0     | 1995/96 |
| (11)  | (10)             | (9)                                  | (8)<br>(8)                  | (7)                          | (6)   | (5)     | (4)       | (3)     | (2)       | (1)     |
| (9)X(10)  | Factor           | (7)-(8)                              | (6)X(7)                     | 9/30/25                      | (100.0%-(3))  | Paid    | 9/30/26   | Paid    | 9/30/25   | Period  |
| Present Value of Estimated Outstanding Losses 9/30/26 | Present<br>Value | Estimated Outstanding Losses 9/30/26 | Projected<br>Losses<br>Paid | Estimated Outstanding Losses | Percent Outstanding Losses Paid 10/1/25 to 9/30/26 ((5)-(3))/ | Percent | Months of | Percent | Months of | Claim   |
|   |                  |                                      |                             |                              |   |         |           |         |           |         |

<sup>\* -</sup> Limited to a maximum of 40% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit AL-2 (page 1).

<sup>(7)</sup> to 2024/25 is from Exhibit AL-11 (page 3), (9). The amount for 2025/26 is from Exhibit AL-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit AL-2 (page 1).

Projected Losses Paid October 1, 2026 to September 30, 2027

| \$900,740                              |          | \$939,154             | \$517,826 | \$1,456,980 |  |         |             |           |             | Total   |
|--|----------|-----------------------|-----------|-------------|--|---------|-------------|-----------|-------------|---------|
| 386,962                                | 0.95     | 406,900               | 162,988   | 569,888     | 28.6% *                                    | 28.6%   | 12.0        | 0.0%      | 0.0         | 2026/27 |
| 220,543                                | 0.96     | 230,212               | 153,475   | 383,687     | 40.0% *                                    | 64.4%   | 24.0        | 28.6%     | 12.0        | 2025/26 |
| 124,516                                | 0.96     | 130,247               | 86,832    | 217,079     | 40.0% *                                    | 86.9%   | 36.0        | 64.4%     | 24.0        | 2024/25 |
| 71,406                                 | 0.97     | 73,690                | 49,127    | 122,817     | 40.0% *                                    | 93.4%   | 48.0        | 86.9%     | 36.0        | 2023/24 |
| 40,900                                 | 0.98     | 41,692                | 27,795    | 69,487      | 40.0% *                                    | 98.0%   | 60.0        | 93.4%     | 48.0        | 2022/23 |
| 25,013                                 | 1.00     | 25,013                | 16,675    | 41,688      | 40.0% *                                    | 100.0%  | 72.0        | 98.0%     | 60.0        | 2021/22 |
| 15,091                                 | 1.00     | 15,091                | 10,061    | 25,152      | 40.0% *                                    | 100.0%  | 84.0        | 100.0%    | 72.0        | 2020/21 |
| 8,344                                  | 1.00     | 8,344                 | 5,563     | 13,907      | 40.0% *                                    | 100.0%  | 96.0        | 100.0%    | 84.0        | 2019/20 |
| 7,109                                  | 1.00     | 7,109                 | 4,740     | 11,849      | 40.0% *                                    | 100.0%  | 108.0       | 100.0%    | 96.0        | 2018/19 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 120.0       | 100.0%    | 108.0       | 2017/18 |
| 856                                    | 1.00     | 856                   | 570       | 1,426       | 40.0% *                                    | 100.0%  | 132.0       | 100.0%    | 120.0       | 2016/17 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 144.0       | 100.0%    | 132.0       | 2015/16 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 156.0       | 100.0%    | 144.0       | 2014/15 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 168.0       | 100.0%    | 156.0       | 2013/14 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 180.0       | 100.0%    | 168.0       | 2012/13 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 192.0       | 100.0%    | 180.0       | 2011/12 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 204.0       | 100.0%    | 192.0       | 2010/11 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 216.0       | 100.0%    | 204.0       | 2009/10 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 228.0       | 100.0%    | 216.0       | 2008/09 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 240.0       | 100.0%    | 228.0       | 2007/08 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 252.0       | 100.0%    | 240.0       | 2006/07 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 264.0       | 100.0%    | 252.0       | 2005/06 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 276.0       | 100.0%    | 264.0       | 2004/05 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 288.0       | 100.0%    | 276.0       | 2003/04 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 300.0       | 100.0%    | 288.0       | 2002/03 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 312.0       | 100.0%    | 300.0       | 2001/02 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 324.0       | 100.0%    | 312.0       | 2000/01 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 336.0       | 100.0%    | 324.0       | 1999/00 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 348.0       | 100.0%    | 336.0       | 1998/99 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 360.0       | 100.0%    | 348.0       | 1997/98 |
| 0                                      | 1.00     | 0                     | 0         | 0           | 40.0% *                                    | 100.0%  | 372.0       | 100.0%    | 360.0       | 1996/97 |
| \$0                                    | 1.00     | \$0                   | \$0       | \$0         | 40.0% *                                    | 100.0%  | 384.0       | 100.0%    | 372.0       | 1995/96 |
| (11)                                   | (10)     | (9)                   | (8)       | (7)         | (6)  | (5)     | (4)         | (3)       | (2)         | (1)     |
| (9)X(10)                               | Factor   | (7)-(8)               | (6)X(7)   | 9/30/26     | (100.0%-(3))                               | Paid    | 9/30/27     | Paid      | 9/30/26     | Period  |
| 9/30/27                                | Value    | 9/30/27               | Paid      | Losses      | ((5)-(3))/                                 | Losses  | Development | Losses    | Development | Claim   |
| Present Value of Estimated Outstanding | Process: | Estimated Outstanding | Projected | Estimated   | Percent Outstanding Losses Paid 10/1/26 to | Percent | Months of   | Derroport | Months of   |         |
|  |          |                       |           |             |  |         |             |           |             |         |

<sup>\* -</sup> Limited to a maximum of 40% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit AL-2 (page 1).

<sup>(7)</sup> to 2025/26 is from Exhibit AL-11 (page 4), (9). The amount for 2026/27 is from Exhibit AL-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit AL-2 (page 1).

#### Loss Rate and Severity Trend

|         |             |          |           | Loss Rate   |          | Severity |
|---------|-------------|----------|-----------|-------------|----------|----------|
|         | Legislative | Residual | Retention | Trend       | Exposure | Trend    |
|         | Trend       | Trend    | Index     | (2022/23    | Trend    | (2022/23 |
| Claim   | (2022/23    | (2022/23 | (2022/23  | = 1.000)    | (2022/23 | = 1.000) |
| Period  | = 1.000)    | = 1.000) | = 1.000)  | (2)X(3)X(4) | = 1.000) | (5)X(6)  |
| (1)     | (2)         | (3)      | (4)       | (5)         | (6)      | (7)      |
|         |             |          |           |             |          |          |
| 2017/18 | 1.000       | 1.276    | 1.000     | 1.276       | 1.000    | 1.276    |
| 2018/19 | 1.000       | 1.216    | 1.000     | 1.216       | 1.000    | 1.216    |
| 2019/20 | 1.000       | 1.158    | 1.000     | 1.158       | 1.000    | 1.158    |
| 2020/21 | 1.000       | 1.103    | 1.000     | 1.103       | 1.000    | 1.103    |
| 2021/22 | 1.000       | 1.050    | 1.000     | 1.050       | 1.000    | 1.050    |
|         |             |          |           |             |          |          |
| 2022/23 | 1.000       | 1.000    | 1.000     | 1.000       | 1.000    | 1.000    |
| 2023/24 | 1.000       | 0.952    | 1.000     | 0.952       | 1.000    | 0.952    |
| 2024/25 | 1.000       | 0.907    | 1.000     | 0.907       | 1.000    | 0.907    |
| 2025/26 | 1.000       | 0.864    | 1.000     | 0.864       | 1.000    | 0.864    |
| 2026/27 | 1.000       | 0.823    | 1.000     | 0.823       | 1.000    | 0.823    |
|         |             |          |           |             |          |          |

<sup>(2)</sup> is based on industry statistics and actuarial judgment.

<sup>(3)</sup> is based on 5% trend per actuarial judgment.

<sup>(4)</sup> is based on industry statistics and actuarial judgment.

<sup>(6)</sup> is based on 0% trend.

City of Miami Beach, Florida Public Officials' Liability

Data Summary as of September 30, 2022

| Total       | 2021/22  | 2020/21  | 2019/20  | 2018/19  | 2017/18  | 2016/17  | 2015/16  | 2014/15  | 2013/14  | 2012/13  | 2011/12  | 2010/11  | 2009/10  | 2008/09   | 2007/08  | 2006/07  | 2005/06  | 2004/05  | 2003/04  | 2002/03  | 2001/02  | 2000/01  | 1999/00  | 1998/99  | 1997/98  | 1996/97  | 1995/96      | Claim<br>Period<br>(1)                            |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|---|
|             | Tort cap  | Tort cap | Tort cap | Tort cap | Tort cap | Tort cap | Tort cap | Tort cap | Tort cap | Tort cap | Tort cap | Tort cap | Tort cap | Tort cap     | Specific<br>Self-Insured<br>Retention<br>(2)      |
|             | None      | None     | None     | None     | None     | None     | None     | None     | None     | None     | None     | None     | None     | None         | Aggregate<br>Retention<br>(3)                     |
|             | 12.0     | 24.0     | 36.0     | 48.0     | 60.0     | 72.0     | 84.0     | 96.0     | 108.0    | 120.0    | 132.0    | 144.0    | 156.0    | 168.0     | 180.0    | 192.0    | 204.0    | 216.0    | 228.0    | 240.0    | 252.0    | 264.0    | 276.0    | 288.0    | 300.0    | 312.0    | 324.0        | Months of<br>Development<br>9/30/22<br>(4)        |
|             | 173,411  | 168,443  | 166,025  | 164,860  | 164,071  | 166,079  | 151,687  | 141,271  | 144,287  | 135,454  | 144,516  | 140,288  | 139,615  | 135,954   | 129,842  | 122,895  | 112,300  | 84,786   | 83,289   | 76,473   | 70,303   | 73,865   | 74,809   | 68,497   | 61,976   | 57,231   | Not Provided | Payroll<br>(000)<br>(5)                           |
| 21          | 0        | 0        | 0        | _        | _        | _        | 0        | 0        | 4        | 0        | _        | 3        | 2        | 2         | З        | 0        | _        | 0        | _        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | _            | Reported<br>Claims<br>9/30/22<br>(6)              |
| 2           | 0        | 0        | 0        | _        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | _         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0            | Reported Open Claims 9/30/22 (7)                  |
| \$3,838,408 | 0        | 0        | 0        | 74,119   | 0        | 3,055    | 0        | 0        | 209,174  | 0        | 500      | 562,770  | 0        | 2,242,407 | 23,207   | 0        | 0        | 0        | 62,758   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | \$660,418    | Limited Paid Losses 9/30/22 (8)                   |
| \$32,286    | 0        | 0        | 0        | 26,431   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5,855     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | \$0          | Limited Case Reserves 9/30/22 (9)                 |
| \$3,870,694 | 0        | 0        | 0        | 100,550  | 0        | 3,055    | 0        | 0        | 209,174  | 0        | 500      | 562,770  | 0        | 2,248,262 | 23,207   | 0        | 0        | 0        | 62,758   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | \$660,418    | Reported<br>Incurred<br>Losses<br>9/30/22<br>(10) |

#### Summary of Percent Losses Paid, Losses Reported and Claims Reported

| Months of<br>Development<br>(1) | Percent<br>Losses<br>Paid<br>(2) | Percent<br>Losses<br>Reported<br>(3) | Percent<br>Claims<br>Reported<br>(4) |
|---------------------------------|----------------------------------|--------------------------------------|--------------------------------------|
| 360.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 348.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 336.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 324.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 312.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 300.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 288.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 276.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 264.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 252.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 240.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 228.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 216.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 204.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 192.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 180.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 168.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 156.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 144.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 132.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 120.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 108.0                           | 100.0%                           | 100.0%                               | 100.0%                               |
| 96.0                            | 99.5%                            | 100.0%                               | 100.0%                               |
| 84.0                            | 98.5%                            | 99.5%                                | 100.0%                               |
| 72.0                            | 97.1%                            | 98.5%                                | 100.0%                               |
| 60.0                            | 94.7%                            | 96.6%                                | 99.0%                                |
| 48.0                            | 90.2%                            | 92.9%                                | 96.6%                                |
| 36.0                            | 82.0%                            | 86.4%                                | 92.0%                                |
| 24.0                            | 65.6%                            | 78.6%                                | 83.6%                                |
| 12.0                            | 18.7%                            | 26.2%                                | 41.8%                                |

<sup>(2)</sup> is from Exhibit PO-2 (page 2).

<sup>(3)</sup> is from Exhibit PO-2 (page 3).

<sup>(4)</sup> is from Exhibit PO-2 (page 4).

Exhibit PO-2 (page 2)

Historical Unlimited and Gross of Recoveries Paid Losses (\$000) and Unlimited and Gross of Recoveries Paid Loss Development

| Section I was provided by the City and previous actuarial studies. Shaded area is the old database | Selected<br>Cumulative<br>Percent Losses Paid | Previous | Average All Wtd 3 Last 3 Last 5 x-hi,low | 2018/19<br>2018/19<br>2019/20<br>2020/21<br>2021/22 | 2013/14<br>2014/15<br>2015/16<br>2016/17<br>2017/18 | 2005/06<br>2005/06<br>2006/07<br>2006/07<br>2008/09<br>2009/10<br>2009/10<br>2010/11<br>2011/12<br>2012/13 | 2002/03<br>2003/04<br>2004/05 | Claim<br>Period                      | II. Unlimited and Gross of Recoveries Paid Loss Development | Claim Period  2002/03 2003/04 2004/05 2005/06 2005/06 2006/07 2007/08 2008/09 2008/09 2010/11 2011/12 2011/12 2012/13 2013/14 2014/15 2016/17 2017/18 2018/19 2019/20 2020/21 | I. Historical Unlimited and Gross of Recoveries Paid Losses (\$000) |
|--|---|----------|--|---|---|--|-------------------------------|--------------------------------------|---|---|---|
| City and previo  | 3.500<br>5.338<br>18.7%                       | 3.500    | 37.484                                   | 0.525   | 0.571   | 1.969<br>1.000<br>1.000<br>1.003<br>1.004<br>1.019<br>431.789<br>5.049                                     | 1.045                         | 12-24                                | ecoveries Paid  | \$7<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76   | iross of Recov  |
| us actuarial st  | 1.250<br>1.525<br>65.6%                       | 1.250    | 1.943                                    | 12.252<br>0.000                                     | 1.000<br>1.000                                      | 1.093<br>1.005<br>1.005<br>1.000<br>1.128<br>1.000<br>1.079<br>1.000                                       | 3.336                         | 24-36                                | Loss Develop  | 24<br>\$7<br>76<br>48<br>48<br>49<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76<br>76   | eries Paid Los  |
| udies. Shadeo  | 1.100<br>1.220<br>82.0%                       | 1.100    | 1.022<br>0.990                           | 0.983   | 1.000<br>1.000<br>1.020<br>1.000                    | 1.000<br>1.125<br>1.002<br>1.002<br>1.000<br>1.005<br>1.000<br>1.189                                       | 1.000                         | 36-48                                | ment  | \$23<br>\$23<br>88<br>56<br>4<br>4<br>21<br>77<br>77<br>210<br>3<br>3<br>3<br>10<br>10<br>10<br>10<br>10<br>10<br>10  | ses (\$000)   |
| d area is the o  | 1.050<br>1.109<br>90.2%                       | 1.050    | 1.147<br>0.184<br>0.683                  |   | 2.039<br>1.000<br>1.000<br>0.050                    | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000                                       | 1.000                         | 48-60                                |   | \$23<br>\$23<br>89<br>56<br>56<br>76<br>71<br>210<br>210<br>210<br>10<br>10<br>61   |   |
| ld database.   | 1.025<br>1.056<br>94.7%                       | 1.025    | 1.187<br>0.699<br>0.667                  |   | 4.371<br>1.000<br>0.000<br>1.000                    | 1.000<br>1.000<br>1.000<br>1.000<br>1.057<br>1.057<br>0.996<br>1.121<br>1.000                              | 1.036                         | 60-72                                |   | \$23<br>\$23<br>\$23<br>\$23<br>\$4<br>\$4<br>\$7<br>\$6<br>\$10<br>\$20<br>\$20<br>\$20<br>\$20<br>\$20<br>\$20<br>\$20<br>\$20<br>\$20<br>\$2                               |   |
|  | 1.015<br>1.030<br>97.1%                       | 1.015    | 1.212<br>2.642<br>1.745<br>1.336         |   | 3.235<br>0.000                                      | 1.000<br>1.000<br>1.000<br>1.000<br>1.507<br>1.000<br>1.000<br>1.000                                       | 1.000                         | 72-84                                |   | 72<br>\$24<br>91<br>60<br>4<br>23<br>76<br>684<br>684<br>89<br>20<br>0  |   |
|  | 1.010<br>1.015<br>98.5%                       | 1.010    | 1.136<br>0.730<br>0.909<br>1.000         |   | 0.726   | 1.000<br>1.000<br>1.000<br>1.001<br>1.000<br>1.000<br>1.000  | 1.000                         | 84-96                                |   | 84<br>824<br>91<br>60<br>4<br>113<br>76<br>689<br>3<br>3<br>288   |   |
|  | 1.005<br>1.005<br>99.5%                       | 1.005    | 0.993<br>0.980<br>0.667<br>1.000         |   | 1.000   | 1.000<br>0.992<br>1.000<br>1.924<br>1.000<br>1.000   | 1.000                         | 96-108                               |   | 96<br>\$24<br>91<br>60<br>4<br>23<br>76<br>326<br>97<br>703<br>3<br>3<br>4  |   |
|  | 1.000<br>1.000<br>100.0%                      | 1.000    | 0.938<br>0.996<br>0.725<br>1.003         |   |   | 1.000<br>1.000<br>1.298<br>1.008<br>1.008<br>1.000<br>0.167  | 1.000                         | 108-120                              |   | \$24<br>\$1<br>91<br>60<br>4<br>23<br>76<br>627<br>97<br>97<br>703<br>3   |   |
|  | 1.000<br>1.000<br>100.0%                      | 1.000    | 0.996<br>0.825<br>0.934<br>1.000         |   |   | 1.000<br>1.000<br>1.000<br>1.158<br>1.000<br>0.801   | 1.000                         | Months of 120-132                    |   | Months c<br>120<br>\$24<br>91<br>60<br>4<br>23<br>76<br>814<br>98<br>703<br>1   |   |
|  | 1.000<br>1.000<br>100.0%                      | 1.000    | 1.049<br>1.785<br>1.146<br>1.000         |   |   | 1.000<br>1.000<br>1.000<br>1.000<br>2.439<br>0.000   | 1.000                         | Months of Developmer<br>-132 132-144 |   | Months of Development: 20 132 20 132 20 24 91 91 60 60 4 4 23 23 76 76 814 943 98 98 98 98 10 1   |   |
|  | 1.000<br>1.000<br>100.0%                      | 1.000    | 1.059<br>1.397<br>1.137<br>1.000         |   |   | 1.000<br>1.000<br>1.000<br>1.410   | 1.004                         | ent:<br>144-156                      |   | \$24<br>91<br>60<br>4<br>23<br>76<br>2,300<br>563   |   |
|  | 1.000<br>1.000<br>100.0%                      | 1.000    | 0.857<br>0.685<br>0.666<br>0.897         |   |   | 1.000<br>1.000<br>0.305<br>0.691   | 1.000                         | 156-168                              |   | \$24<br>91<br>60<br>4<br>23<br>76<br>3,244<br>0   |   |
|  | 1.000<br>1.000<br>100.0%                      | 1.000    | 0.833<br>0.542<br>0.667<br>1.000         |   |   | 1.000  |                               |                                      |   | \$24<br>91<br>91<br>60<br>4<br>23<br>2,242  |   |
|  | 1.000<br>1.000<br>100.0%                      | 1.000    | 0.750<br>0.938<br>0.667                  |   |   | 0.000  | 1.000                         | 180-192                              |   | \$24<br>91<br>60<br>4<br>23   |   |
|  | 1.000<br>1.000<br>100.0%                      | 1.000    | 0.667<br>0.603<br>0.667                  |   |   | cocc   | 1.000                         | 192-204                              |   | \$24<br>91<br>60<br>0   |   |
|  | 1.000<br>1.000<br>100.0%                      | 1.000    | 0.845<br>0.754                           |   |   |  | 1.000                         |                                      |   | 204<br>\$24<br>91<br>0  |   |
|  | 1.000<br>1.000<br>100.0%                      | 1.000    | 0.500                                    |   |   |  | 0.000                         |                                      |   | \$24<br>63<br>0   |   |
|  | 1.000<br>1.000<br>100.0%                      | 1.000    |  |   |   |  |                               | 228-240                              |   | \$0<br>63   |   |
|  | 1.000<br>1.000<br>100.0%                      | 1.000    |  |   |   |  |                               | 240-Ult                              |   | \$0   |   |

Exhibit PO-2 (page 3)

Historical Unlimited and Gross of Recoveries Reported Incurred Losses (\$000) and Unlimited and Gross of Recoveries Reported Incurred Loss Development

| Section I was provided by the City and previous actuarial studies. Shaded area is the old database | Selected Cumulative Percent Losses Reported | Previous | Average All Wtd 3 Last 3 Last 5 x-hi,low | 2015/16<br>2016/17<br>2016/17<br>2017/18<br>2018/19<br>2019/20<br>2020/21<br>2021/22 | 2009/10<br>2010/11<br>2011/12<br>2012/13<br>2013/14 | 2002/03<br>2003/04<br>2004/05<br>2005/06<br>2005/06<br>2007/08<br>2008/09 | Claim<br>Period                        | II. Unlimited and Gross of Recoveries Reported Incurred Loss Development | 2002/03<br>2002/03<br>2003/04<br>2004/06<br>2006/06<br>2006/06<br>2006/06<br>2009/10<br>2010/11<br>2011/12<br>2012/13<br>2013/14<br>2014/15<br>2016/17<br>2017/18<br>2016/17<br>2017/18<br>2019/20<br>2020/21 | Historical Unlimited and Gross of Recoveries Reported Incurred Losses (\$000)     Claim     Pariod 12 24 36 48 |
|--|---|----------|--|--|---|---|--|--|---|--|
| ity and previou  | 3.000<br>3.819<br>26.2%                     | 3.000    | 16.327                                   | 0.795  | 1.149<br>1.017<br>3.581<br>196.049                  | 2.792<br>1.152<br>1.361<br>0.800<br>1.127<br>1.256                        | 12-24                                  | coveries Repo  | 14<br>83<br>182<br>25<br>76<br>77<br>77<br>77<br>77<br>77<br>77<br>77<br>77<br>77<br>77<br>77<br>77   | oss of Recove  |
| ıs actuarial stı   | 1.100<br>1.273<br>78.6%                     | 1.100    | 1.121<br>0.470                           | 0.345<br>0.345<br>3.771<br>0.000   | 1.416<br>1.000<br>1.054<br>0.995                    | 1.428<br>2.044<br>1.378<br>0.266<br>0.220<br>1.004<br>0.900               | 24-36                                  | rted Incurred L  | \$70<br>\$70<br>39<br>95<br>948<br>248<br>248<br>86<br>107<br>270<br>98<br>98<br>90<br>107<br>107<br>107<br>107<br>107<br>107<br>107<br>10  | ries Reported  |
| idies. Shaded  | 1.075<br>1.157<br>86.4%                     | 1.075    | 0.924<br>1.185                           | 1.000  | 0.951<br>1.098<br>1.088<br>0.031                    | 1.000<br>1.000<br>0.976<br>0.848<br>1.000<br>1.003                        | 36-48                                  | oss Developm   | \$100<br>\$100<br>81<br>81<br>131<br>132<br>107<br>285<br>98<br>98<br>98<br>98<br>0<br>15<br>15<br>20<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0               | Incurred Losse   |
| area is the old  | 1.040<br>1.076<br>92.9%                     | 1.040    | 1.105<br>0.325<br>0.849                  | 1.000<br>0.215   | 1.086<br>0.979<br>2.488<br>1.000                    | 1.000<br>0.597<br>0.901<br>1.933<br>1.000<br>0.996<br>0.945               | 48-60                                  | ent  | \$100<br>81<br>128<br>1128<br>128<br>128<br>116<br>117<br>310<br>310<br>310<br>310<br>310<br>310<br>310<br>310<br>310<br>310  | es (\$000)   |
| d database.  | 1.020<br>1.035<br>96.6%                     | 1.020    | 0.881<br>0.536<br>0.411                  | 0.000<br>0.234   | 1.160<br>0.914<br>1.077<br>1.000                    | 0.900<br>1.017<br>1.007<br>1.018<br>1.000<br>1.000                        | 60-72                                  |  | \$100<br>\$100<br>108<br>108<br>108<br>108<br>108<br>108<br>108<br>109<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100   | 200  |
|  | 1.010<br>1.015<br>98.5%                     | 1.010    | 1.119<br>2.577<br>1.531<br>1.152         | 555  | 1.180<br>0.971<br>1.019<br>1.467<br>3.125           | 1.000<br>1.000<br>0.784<br>1.000<br>1.000<br>1.000                        | 72-84                                  |  | \$90<br>116<br>110<br>110<br>110<br>110<br>110<br>110<br>110<br>110<br>11   | 3  |
|  | 1.005<br>1.005<br>99.5%                     | 1.005    | 1.078<br>0.715<br>0.572<br>0.904         |  | 2.139<br>1.000<br>0.004<br>1.000<br>0.711           | 1.000<br>1.000<br>1.000<br>1.000<br>2.139<br>1.000<br>0.942               | 84-96                                  |  | \$90<br>49<br>91<br>110<br>110<br>23<br>102<br>86<br>845<br>845<br>94<br>173<br>102<br>845  | <b>2</b>   |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.619<br>0.980<br>0.667<br>1.351         |  | 2.054<br>8.387<br>1.000<br>0.000<br>1.000           | 1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>1.000<br>0.992               |  |  | \$90<br>49<br>91<br>110<br>9<br>9<br>23<br>81<br>81<br>81<br>370<br>102<br>0<br>0   | 9  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 0.811<br>0.899<br>0.401<br>0.689         |  | 0.136<br>0.902<br>0.167                             | 1.000<br>1.000<br>1.000<br>1.023<br>0.426<br>1.000<br>1.459               | 108-120                                |  | \$90<br>49<br>91<br>110<br>110<br>81<br>81<br>81<br>85<br>85<br>9<br>20<br>9<br>20<br>9   | 108  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 2.151<br>0.756<br>0.894<br>0.984         |  | 0.951<br>0.730<br>1.000                             | 1.000<br>1.000<br>1.000<br>0.532<br>1.000<br>1.000<br>13.292              | Months of 120-132                      |  | \$90<br>49<br>91<br>113<br>118<br>118<br>103<br>771   | Months of  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.414<br>1.369<br>0.862<br>1.196         |  | 1.000   | 1.000<br>1.000<br>1.001<br>1.001<br>1.000<br>1.000<br>5.139<br>1.587      | Months of Development: -132 132-144 1: |  | \$90<br>49<br>91<br>91<br>91<br>91<br>91<br>91<br>91<br>91<br>93<br>1,571<br>98<br>563<br>1   | Months of Development:   |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.651<br>1.302<br>2.689<br>1.106         |  |   | 1.000<br>0.491<br>1.000<br>1.000<br>5.750<br>1.000<br>1.317               | 44-156                                 |  | \$90<br>49<br>91<br>91<br>91<br>118<br>2,493<br>2,493<br>563  | 2  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 0.707<br>0.670<br>0.627<br>0.627         |  |   | 1.000<br>1.000<br>1.000<br>0.067<br>1.000<br>0.196<br>0.685               |  |  | \$90<br>24<br>91<br>60<br>23<br>118<br>3,282<br>0   | 15.6   |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 0.777<br>0.542<br>0.667<br>0.886         |  |   | 1.000<br>1.000<br>0.659<br>1.000<br>0.000                                 |  |  | \$90<br>24<br>91<br>4<br>23<br>2,248  | 100  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 1.448<br>0.938<br>1.597                  |  |   | 1.000<br>3.792<br>1.000<br>0.000  |  |  | \$90<br>60<br>4<br>0<br>23  | 280  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 0.422<br>0.603<br>0.422                  |  |   | 0.267<br>1.000<br>0.000   |  |  | \$90  | 900  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 0.845<br>0.754                           |  |   |   |  |  | \$24<br>91<br>0   | 202  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    | 0.500                                    |  |   | 0.000<br>1.000  |  |  | \$24<br>63<br>0   | 946  |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    |  |  |   |   | 228-240                                |  | \$0<br>63   | )<br>)<br>)<br>)   |
|  | 1.000<br>1.000<br>100.0%                    | 1.000    |  |  |   |   | 240-Ult                                |  | \$0   | 2  |

Historical Reported Claims and Reported Claim Development

| Section I was provided by the City and previous actuarial studies. Shaded area is the old database | Selected<br>Cumulative<br>Percent Claims Reported | Previous | All Average All Wrd 3 Last 3 Last 5 X-hi,low | 2013/14<br>2014/15<br>2015/16<br>2015/16<br>2016/17<br>2017/18<br>2019/20<br>2020/21<br>2021/22 | 2006/07<br>2006/07<br>2007/08<br>2008/09<br>2009/10<br>2010/11<br>2011/12<br>2012/13 | Claim<br>Period                          | 2002/03 2003/04 2003/06 2005/06 2005/06 2006/07 2007/08 2008/09 2008/09 2008/10 2010/11 2011/12 2011/12 2011/13 2012/13 2015/16 2016/17 2017/18 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 2018/19 | I. Historical Reported Claims<br>Claim<br>Period |
|--|---|----------|--|---|--|--|---|--|
| ty and previo  | 2.000<br>2.392<br>41.8%                           | 2.000    |  |   |  | 12-24                                    | 0 0   | 12   |
| us actuarial st  | 1.100<br>1.196<br>83.6%                           | 1.100    |  |   |  | 24-36                                    | 00  | 24   |
| udies. Shade   | 1.050<br>1.087<br>92.0%                           | 1.050    |  |   |  | 36-48                                    | 00  | 36<br>6  |
| d area is the c  | 1.025<br>1.035<br>96.6%                           | 1.025    |  |   |  | 48-60                                    | <b>-</b> 0  | 48   |
| ild database.  | 1.010<br>1.010<br>99.0%                           | 1.010    |  |   |  | 60-72                                    | <b>-</b> 0  | 60   |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | 72-84                                    | <b>→</b> 0  | 72   |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | 84-96                                    | 00  | 84   |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | 96-108                                   | 00  | 96   |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | 108-120                                  | 0.4   | 108  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | Months o                                 | • •   | Months of  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | Months of Development:<br>-132 132-144 1 | -0  | me   |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | 14-156                                   | ω o   | 144  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | 156-168                                  | NO  | 156  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | 168-180                                  | NO  | 168  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | 180-192                                  | ω o   | 180  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | 192-204                                  | 0.0   | 192  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | 204-216                                  | 20  | 204  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  |  | 00  | 216  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  |  |   | 228  |
|  | 1.000<br>1.000<br>100.0%                          | 1.000    |  |   |  | 240-Ult                                  | 0   | 240  |

#### Developed Limited Paid Losses, Reported Incurred Losses and Case Reserves

| Claim<br>Period<br>(1) | Months of<br>Development<br>9/30/22<br>(2) | Percent<br>Losses<br>Paid<br>(3) | Percent<br>Losses<br>Reported<br>(4) | Percent<br>Losses<br>Reserved<br>9/30/22<br>((4)-(3))/<br>(100.0%-(3))<br>(5) | Limited<br>Paid<br>Losses<br>9/30/22<br>(6) | Limited<br>Case<br>Reserves<br>9/30/22<br>(7) | Limited<br>Reported<br>Incurred<br>Losses<br>9/30/22<br>(8) | Developed<br>Limited<br>Paid<br>Losses<br>(6)/(3)<br>(9) | Developed<br>Limited<br>Reported<br>Incurred<br>Losses<br>(8)/(4)<br>(10) | Developed<br>Limited<br>Case<br>Reserves<br>(6)+(7)/(5)<br>(11) |
|------------------------|--|----------------------------------|--------------------------------------|---|---|---|---|--|---|---|
| 1995/96                | 324.0                                      | 100.0%                           | 100.0%                               | 100.0%  | \$660.418                                   | \$0   | \$660.418   | \$660.418  | \$660.418   | \$660.418   |
| 1996/97                | 312.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 1997/98                | 300.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 1998/99                | 288.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 1999/00                | 276.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 2000/01                | 264.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 2001/02                | 252.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 2002/03                | 240.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 2003/04                | 228.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 62,758                                      | 0   | 62,758  | 62,758   | 62,758  | 62,758  |
| 2004/05                | 216.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 2005/06                | 204.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 2006/07                | 192.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 2007/08                | 180.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 23,207                                      | 0   | 23,207  | 23,207   | 23,207  | 23,207  |
| 2008/09                | 168.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 2,242,407                                   | 5,855   | 2,248,262   | 2,242,407  | 2,248,262   | 2,248,262   |
| 2009/10                | 156.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 2010/11                | 144.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 562,770                                     | 0   | 562,770   | 562,770  | 562,770   | 562,770   |
| 2011/12                | 132.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 500   | 0   | 500   | 500  | 500   | 500   |
| 2012/13                | 120.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 2013/14                | 108.0                                      | 100.0%                           | 100.0%                               | 100.0%  | 209,174                                     | 0   | 209,174   | 209,174  | 209,174   | 209,174   |
| 2014/15                | 96.0                                       | 99.5%                            | 100.0%                               | 100.0%  | 0   | 0   | 0   | 0  | 0   | 0   |
| 2015/16                | 84.0                                       | 98.5%                            | 99.5%                                | 66.7%   | 0   | 0   | 0   | 0  | 0   | 0   |
| 2016/17                | 72.0                                       | 97.1%                            | 98.5%                                | 48.3%   | 3,055                                       | 0   | 3,055   | 3,146  | 3,102   | 3,055   |
| 2017/18                | 60.0                                       | 94.7%                            | 96.6%                                | 35.8%   | 0   | 0   | 0   | 0  | 0   | 0   |
| 2018/19                | 48.0                                       | 90.2%                            | 92.9%                                | 27.6%   | 74,119                                      | 26,431  | 100,550   | 82,172   | 108,235   | 170,054   |
| 2019/20                | 36.0                                       | 82.0%                            | 86.4%                                | 24.4%   | 0   | 0   | 0   | 0  | 0   | 0   |
| 2020/21                | 24.0                                       | 65.6%                            | 78.6%                                | 37.8%   | 0   | 0   | 0   | 0  | 0   | 0   |
| 2021/22                | 12.0                                       | 18.7%                            | 26.2%                                | 9.2%  | 0   | 0   | 0   | 0  | 0   | 0   |

<sup>(3)</sup> and (4) are based on Exhibit PO-2 (page 1).

<sup>(6), (7)</sup> and (8) are from Exhibit PO-1.

Preliminary Projected Ultimate Limited Losses to 2021/22

| Claim<br>Period<br>(1) | Developed<br>Limited<br>Paid<br>Losses<br>(2) | Developed<br>Limited<br>Reported<br>Incurred<br>Losses<br>(3) | Developed<br>Limited<br>Case<br>Reserves<br>(4) | Preliminary<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(5) |
|------------------------|---|---|---|--|
| 1995/96                | \$660,418                                     | \$660,418   | \$660,418                                       | \$660,418  |
| 1996/97                | 0   | 0   | 0   | 0  |
| 1997/98                | 0   | 0   | 0   | 0  |
| 1998/99                | 0   | 0   | 0   | 0  |
| 1999/00                | 0   | 0   | 0   | 0  |
| 2000/01                | 0   | 0   | 0   | 0  |
| 2001/02                | 0   | 0   | 0   | 0  |
| 2002/03                | 0   | 0   | 0   | 0  |
| 2003/04                | 62,758  | 62,758  | 62,758  | 62,758   |
| 2004/05                | 0   | 0   | 0   | 0  |
| 2005/06                | 0   | 0   | 0   | 0  |
| 2006/07                | 0   | 0   | 0   | 0  |
| 2007/08                | 23,207  | 23,207  | 23,207  | 23,207   |
| 2008/09                | 2,242,407                                     | 2,248,262   | 2,248,262                                       | 2,273,262  |
| 2009/10                | 0   | 0   | 0   | 0  |
| 2010/11                | 562,770                                       | 562,770   | 562,770   | 562,770  |
| 2011/12                | 500   | 500   | 500   | 500  |
| 2012/13                | 0   | 0   | 0   | 0  |
| 2013/14                | 209,174                                       | 209,174   | 209,174   | 209,174  |
| 2014/15                | 0   | 0   | 0   | 0  |
| 2015/16                | 0   | 0   | 0   | 0  |
| 2016/17                | 3,146   | 3,102   | 3,055   | 3,055  |
| 2017/18                | 0   | 0   | 0   | 0  |
| 2018/19                | 82,172  | 108,235   | 170,054   | 139,144  |
| 2019/20                | 0   | 0   | 0   | 50,000   |
| 2020/21                | 0   | 0   | 0   | 50,000   |
| 2021/22                | 0   | 0   | 0   | 100,000  |

Subject to a minimum of Exhibit PO-1, (10) and minimum 10% of case reserves or \$25,000 per open claim as IBNR for claim periods with open claims.

| Claim<br>Period | Developed<br>Limited<br>Paid<br>Losses | Developed<br>Limited<br>Reported<br>Incurred<br>Losses | Developed<br>Limited<br>Case<br>Reserves |
|-----------------|--|--|--|
| to 2007/08      | 0.0%                                   | 0.0%   | 100.0%                                   |
| 2008/09         | 0.0%                                   | 0.0%   | 100.0%                                   |
| 2009/10         | 0.0%                                   | 0.0%   | 100.0%                                   |
| 2010/11         | 0.0%                                   | 0.0%   | 100.0%                                   |
| 2011/12         | 0.0%                                   | 0.0%   | 100.0%                                   |
| 2012/13         | 0.0%                                   | 10.0%  | 90.0%                                    |
| 2013/14         | 0.0%                                   | 20.0%  | 80.0%                                    |
| 2014/15         | 0.0%                                   | 30.0%  | 70.0%                                    |
| 2015/16         | 0.0%                                   | 40.0%  | 60.0%                                    |
| 2016/17         | 0.0%                                   | 50.0%  | 50.0%                                    |
| 2017/18         | 0.0%                                   | 50.0%  | 50.0%                                    |
| 2018/19         | 0.0%                                   | 50.0%  | 50.0%                                    |
| 2019/20         |  | Actuarial judgment                                     |  |
| 2020/21         |  | Actuarial judgment                                     |  |
| 2021/22         |  | Actuarial judgment                                     |  |

<sup>(2), (3)</sup> and (4) are from Exhibit PO-3.

<sup>(5)</sup> is based on (2) to (4), weighted as follows:

#### Bornhuetter - Ferguson Analysis

#### I. A-priori Loss Rate

| Claim<br>Period<br>(1) | Preliminary<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(2) | Payroll<br>(000)<br>(3) | Limited<br>Loss Rate<br>per \$1,000 of<br>Payroll<br>(2)/(3)<br>(4) | Loss Rate<br>Trend<br>(2022/23<br>= 1.000)<br>(5) | Trended<br>Limited<br>Loss Rate<br>per \$1,000 of<br>Payroll<br>(4)X(5)<br>(6) | Projected A-priori Loss Rate per \$1,000 of Payroll (7)/(5) (8) |
|------------------------|--|-------------------------|---|---|--|---|
| 2017/18                |  | \$164.071               | \$0.00  | 1.051   | \$0.00   | \$0.39  |
| 2017/10                | 139.144  | 164.860                 | 0.84  | 1.041   | 0.88   | 0.40  |
| 2019/20                | 50,000   | 166,025                 | 0.30  | 1.030   | 0.31   | 0.40  |
| 2020/21                | 50,000   | 168,443                 | 0.30  | 1.020   | 0.30   | 0.41  |
| 2021/22                | 100,000  | 173,411                 | 0.58  | 1.010   | 0.58   | 0.41  |

(7) Projected 2022/23 a-priori loss rate per \$1,000 of Payroll

\$0.41

II. Bornhuetter - Ferguson Analysis Based on Limited Paid Losses

|         |         |         |                |           |              | B-F      |
|---------|---------|---------|----------------|-----------|--------------|----------|
|         |         |         | Projected      |           | B-F          | Ultimate |
|         | Limited |         | A-priori       |           | Unpaid       | Limited  |
|         | Paid    | Percent | Loss Rate      |           | Losses       | Paid     |
| Claim   | Losses  | Losses  | per \$1,000 of | Payroll   | (100.0%-(3)) | Losses   |
| Period  | 9/30/22 | Paid    | Payroll        | (000)     | X(4)X(5)     | (2)+(6)  |
| (1)     | (2)     | (3)     | (4)            | (5)       | (6)          | (7)      |
| 2017/18 | \$0     | 94.7%   | \$0.39         | \$164,071 | \$3,432      | \$3,432  |
| 2018/19 | 74,119  | 90.2%   | 0.40           | 164,860   | 6,440        | 80,559   |
| 2019/20 | 0       | 82.0%   | 0.40           | 166,025   | 12,030       | 12,030   |
| 2020/21 | 0       | 65.6%   | 0.41           | 168,443   | 23,560       | 23,560   |
| 2021/22 | 0       | 18.7%   | 0.41           | 173,411   | 57,895       | 57,895   |

III. Bornhuetter - Ferguson Analysis Based on Limited Reported Incurred Losses

|         |          |          |                |           |              | B-F      |
|---------|----------|----------|----------------|-----------|--------------|----------|
|         | Limited  |          | Projected      |           | B-F          | Ultimate |
|         | Reported |          | A-priori       |           | Unreported   | Limited  |
|         | Incurred | Percent  | Loss Rate      |           | Losses       | Reported |
| Claim   | Losses   | Losses   | per \$1,000 of | Payroll   | (100.0%-(3)) | Losses   |
| Period  | 9/30/22  | Reported | Payroll        | (000)     | X(4)X(5)     | (2)+(6)  |
| (1)     | (2)      | (3)      | (4)            | (5)       | (6)          | (7)      |
|         |          |          |                |           |              |          |
| 2017/18 | \$0      | 96.6%    | \$0.39         | \$164,071 | \$2,201      | \$2,201  |
| 2018/19 | 100,550  | 92.9%    | 0.40           | 164,860   | 4,665        | 105,215  |
| 2019/20 | 0        | 86.4%    | 0.40           | 166,025   | 9,090        | 9,090    |
| 2020/21 | 0        | 78.6%    | 0.41           | 168,443   | 14,656       | 14,656   |
| 2021/22 | 0        | 26.2%    | 0.41           | 173,411   | 52,555       | 52,555   |
|         |          |          |                |           |              |          |

Section I, (2) is from Exhibit PO-4.

Section I, (3), Section II, (5) and Section III, (5) were provided by the City.

Section I, (5) is from Exhibit PO-12.

Section I, (7) is based on Section I, (6) and the following weights:

| Claim<br>Period | Weight |
|-----------------|--------|
| 2017/18         | 20.0%  |
| 2018/19         | 20.0%  |
| 2019/20         | 20.0%  |
| 2020/21         | 20.0%  |
| 2021/22         | 20.0%  |

Sections II and III, (2) are from Exhibit PO-1.

Sections II and III, (3) are based on Exhibit PO-2 (page 1).

Sections II and III, (4) are from Section I, (8).

#### Frequency Times Severity Analysis

#### I. Projected Ultimate Claims

| Claim<br>Period<br>(1) | Months of<br>Development<br>9/30/22<br>(2) | Reported<br>Claims<br>9/30/22<br>(3) | Percent<br>Claims<br>Reported<br>(4) | Projected<br>Ultimate<br>Claims<br>(3)/(4)<br>(5) | Reported<br>Open<br>Claims<br>9/30/22<br>(6) | Number of<br>IBNR<br>Claims<br>(5)-(3)<br>(7) | Open<br>Claims<br>9/30/22<br>(6)+(7)<br>(8) |
|------------------------|--|--------------------------------------|--------------------------------------|---|--|---|---|
| 2017/18                | 60.0                                       | 1                                    | 99.0%                                | 1   | 0  | 0   | 0   |
| 2018/19                | 48.0                                       | 1                                    | 96.6%                                | 1   | 1  | 0   | 1   |
| 2019/20                | 36.0                                       | 0                                    | 92.0%                                | 0   | 0  | 0   | 0   |
| 2020/21                | 24.0                                       | 0                                    | 83.6%                                | 0   | 0  | 0   | 0   |
| 2021/22                | 12.0                                       | 0                                    | 41.8%                                | 0   | 0  | 0   | 0   |

#### II. Frequency Times Severity

| Claim<br>Period<br>(1) | Preliminary<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(2) | Projected<br>Ultimate<br>Claims<br>(3) | Average<br>Severity<br>(2)/(3)<br>(4) | Severity<br>Trend<br>(2022/23<br>= 1.000)<br>(5) | Trended<br>Average<br>Claim<br>Severity<br>(4)X(5)<br>(6) | De-Trended<br>Projected<br>2022/23<br>Average<br>Claim<br>Severity<br>(7)/(5)<br>(8) | Frequency<br>Times<br>Severity<br>(3)X(8)<br>(9) |
|------------------------|--|--|---------------------------------------|--|---|--|--|
| 2017/18                | \$0  | 1                                      | \$0                                   | 1.160  | \$0   | \$33,766   | \$33,766   |
| 2018/19                | 139,144  | 1                                      | 139,144                               | 1.126  | 156,730   | 34,786   | 34,786   |
| 2019/20                | 50,000   | 0                                      |                                       | 1.093  | 0   | 35,837   | 0  |
| 2020/21                | 50,000   | 0                                      |                                       | 1.061  | 0   | 36,919   | 0  |
| 2021/22                | 100,000  | 0                                      |                                       | 1.030  | 0   | 38,034   | 0  |

(7) Projected 2022/23 average claim severity

\$39,182

Section I, (3) and (6) are from Exhibit PO-1.

Section I, (4) is from Exhibit PO-2.

Section II, (2) is from Exhibit PO-4.

Section II, (3) is from Section I, (5).

Section II, (5) is from Exhibit PO-12.

Section II, (7) is based on (6) and the following weights:

| Claim<br>Period | Weight |
|-----------------|--------|
| 2017/18         | 25.0%  |
| 2018/19         | 25.0%  |
| 2019/20         | 0.0%   |
| 2020/21         | 25.0%  |
| 2021/22         | 25.0%  |

#### Projected Ultimate Limited Losses to 2021/22

|         |           |           |           |          |          |           | Previous  |           | Change in   |
|---------|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|-------------|
|         |           | Developed |           | B-F      | B-F      |           | Projected |           | Projected   |
|         | Developed | Limited   | Developed | Paid     | Reported |           | Ultimate  | Projected | Ultimate    |
|         | Limited   | Reported  | Limited   | Method   | Method   | Frequency | Limited   | Ultimate  | Limited     |
| Claim   | Paid      | Incurred  | Case      | Ultimate | Ultimate | Times     | Losses    | Limited   | Losses      |
| Period  | Losses    | Losses    | Reserves  | Losses   | Losses   | Severity  | (9/30/21) | Losses    | (9)-(8)     |
| (1)     | (2)       | (3)       | (4)       | (5)      | (6)      | (7)       | (8)       | (9)       | (10)        |
| 1995/96 | \$660,418 | \$660,418 | \$660,418 |          |          |           | \$660,418 | \$660,418 | \$0         |
| 1996/97 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 1997/98 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 1998/99 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 1999/00 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 2000/01 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 2001/02 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 2002/03 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 2003/04 | 62,758    | 62,758    | 62,758    |          |          |           | 62,758    | 62,758    | 0           |
| 2004/05 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 2005/06 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 2006/07 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 2007/08 | 23,207    | 23,207    | 23,207    |          |          |           | 23,207    | 23,207    | 0           |
| 2008/09 | 2,242,407 | 2,248,262 | 2,248,262 |          |          |           | 3,758,262 | 2,273,262 | (1,485,000) |
| 2009/10 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 2010/11 | 562,770   | 562,770   | 562,770   |          |          |           | 562,770   | 562,770   | 0           |
| 2011/12 | 500       | 500       | 500       |          |          |           | 500       | 500       | 0           |
| 2012/13 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 2013/14 | 209,174   | 209,174   | 209,174   |          |          |           | 209,174   | 209,174   | 0           |
| 2014/15 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 2015/16 | 0         | 0         | 0         |          |          |           | 0         | 0         | 0           |
| 2016/17 | 3,146     | 3,102     | 3,055     |          |          |           | 38,055    | 3,055     | (35,000)    |
| 2017/18 | 0         | 0         | 0         | 3,432    | 2,201    | 33,766    | 0         | 0         | 0           |
| 2018/19 | 82,172    | 108,235   | 170,054   | 80,559   | 105,215  | 34,786    | 141,882   | 139,144   | (2,738)     |
| 2019/20 | 0         | 0         | 0         | 12,030   | 9,090    |           | 189,598   | 50,000    | (139,598)   |
| 2020/21 | 0         | 0         | 0         | 23,560   | 14,656   |           | 100,000   | 50,000    | (50,000)    |
| 2021/22 | 0         | 0         | 0         | 57,895   | 52,555   |           | 149,068   | 100,000   | (49,068)    |
|         |           |           |           |          |          |           |           |           |             |

Subject to a minimum of Exhibit PO-1, (10) and minimum 10% of case reserves or \$25,000 per open claim as IBNR for claim periods with open claims.

| Claim<br>Period | Developed<br>Limited<br>Paid<br>Losses         | Developed<br>Limited<br>Reported<br>Incurred<br>Losses | Developed<br>Limited<br>Case<br>Reserves | B-F<br>Paid<br>Method<br>Ultimate<br>Losses | B-F<br>Reported<br>Method<br>Ultimate<br>Losses | Frequency<br>Times<br>Severity | Previous<br>Projected<br>Ultimate<br>Limited<br>Losses |
|-----------------|--|--|--|---|---|--------------------------------|--|
| to 2007/08      | 0.0%   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2008/09         | 0.0%   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2009/10         | 0.0%   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2010/11         | 0.0%   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2011/12         | 0.0%   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2012/13         | 0.0%   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2013/14         | 0.0%   | 0.0%   | 100.0%                                   | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2014/15         | 0.0%   | 10.0%  | 90.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2015/16         | 0.0%   | 20.0%  | 80.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2016/17         | 0.0%   | 30.0%  | 70.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2017/18         | 0.0%   | 40.0%  | 60.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2018/19         | 0.0%   | 50.0%  | 50.0%                                    | 0.0%  | 0.0%  | 0.0%                           | 0.0%   |
| 2019/20         |  |  |  | ctuarial judgment                           |   |                                |  |
| 2020/21         |  |  |  | ctuarial judgment                           |   |                                |  |
| 2021/22         |  |  |  | ctuarial judgment                           |   |                                |  |
| Total Last 5    | \$82,172                                       | \$108,235  | \$170,054                                | \$177,475                                   | \$183,717                                       | \$68,552                       | \$580,548  |
|                 | d ultimate limited los<br>limited losses total |  | cluding previous:                        |   | \$131,701<br>\$339,144                          |                                |  |

<sup>(2), (3)</sup> and (4) are from Exhibit PO-3.

<sup>(5)</sup> and (6) are from Exhibit PO-5.

<sup>(7)</sup> is from Exhibit PO-6.

<sup>(8)</sup> is from the previous study.

<sup>(9)</sup> is based on (2) to (8), weighted as follows:

#### Projected Ultimate Limited Losses for 2022/23 and Subsequent

| Claim Period (1)                                    | Projected Ultimate Limited Losses (2)                  | Payroll (000) (3) \$164,071 164,860 166,025 168,443 173,411 | Limited Loss Rate per \$1,000 of Payroll (2)/(3) (4)  | Loss Rate Trend (2022/23 = 1.000) (5)  1.051 1.041 1.030 1.020 1.010 | Trended Limited Loss Rate per \$1,000 of Payroll (4)X(5) (6)                      |   |
|---|--|---|---|--|---|---|
| Total   | \$339,144  | \$836,810   | \$0.41  |  | \$0.41  |   |
| Claim<br>Period<br>(1)                              | Projected Limited Loss Rate per \$1,000 of Payroll (7) | Projected<br>Payroll<br>(000)<br>(8)                        | Projected Ultimate Limited Losses (7)X(8) (9)         | Present<br>Value<br>Factor<br>(10)                                   | Present Value of Projected Limited Loss Rate per \$1,000 of Payroll (7)X(10) (11) | Present<br>Value of<br>Projected<br>Ultimate<br>Limited<br>Losses<br>(8)X(11)<br>(12) |
| 2022/23<br>2023/24<br>2024/25<br>2025/26<br>2026/27 | \$0.62<br>0.63<br>0.63<br>0.64<br>0.65                 | \$176,880<br>180,417<br>184,026<br>187,706<br>191,460       | \$110,044<br>113,367<br>116,791<br>120,318<br>123,952 | 0.93<br>0.93<br>0.93<br>0.93<br>0.93                                 | \$0.58<br>0.58<br>0.59<br>0.59<br>0.60  | \$101,791<br>104,865<br>108,032<br>111,294<br>114,655                                 |

(7) for 2022/23 is based on (6) and the following weights plus 50.0% per actuarial judgment for large claims not respresented in the data:

| Weight                                    |
|---|
| 20.0%<br>20.0%<br>20.0%<br>20.0%<br>20.0% |
|   |

<sup>(2)</sup> is from Exhibit PO-7.

<sup>(3)</sup> was provided by the City.

<sup>(5)</sup> is from Exhibit PO-12.

<sup>(7)</sup> for 2023/24 and subsequent are based on 2022/23 plus the trend in Exhibit PO-12.

<sup>(8)</sup> is based on (3) for 2021/22 and a 2% trend.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit PO-2 (page 1).

Estimated Outstanding Losses as of September 30, 2022

|         | Limited<br>Paid | Limited<br>Case | Limited<br>Reported<br>Incurred | Projected<br>Ultimate | Estimated Outstanding Losses | Estimated<br>IBNR |
|---------|-----------------|-----------------|---------------------------------|-----------------------|------------------------------|-------------------|
| Claim   | Losses          | Reserves        | Losses                          | Limited               | 9/30/22                      | 9/30/22           |
| Period  | 9/30/22         | 9/30/22         | 9/30/22                         | Losses                | (5)-(2)                      | (6)-(3)           |
| (1)     | (2)             | (3)             | (4)                             | (5)                   | (6)                          | (7)               |
| 1995/96 | \$660,418       | \$0             | \$660,418                       | \$660,418             | \$0                          | \$0               |
| 1996/97 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 1997/98 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 1998/99 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 1999/00 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 2000/01 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 2001/02 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 2002/03 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 2003/04 | 62,758          | 0               | 62,758                          | 62,758                | 0                            | 0                 |
| 2004/05 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 2005/06 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 2006/07 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 2007/08 | 23,207          | 0               | 23,207                          | 23,207                | 0                            | 0                 |
| 2008/09 | 2,242,407       | 5,855           | 2,248,262                       | 2,273,262             | 30,855                       | 25,000            |
| 2009/10 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 2010/11 | 562,770         | 0               | 562,770                         | 562,770               | 0                            | 0                 |
| 2011/12 | 500             | 0               | 500                             | 500                   | 0                            | 0                 |
| 2012/13 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 2013/14 | 209,174         | 0               | 209,174                         | 209,174               | 0                            | 0                 |
| 2014/15 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 2015/16 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 2016/17 | 3,055           | 0               | 3,055                           | 3,055                 | 0                            | 0                 |
| 2017/18 | 0               | 0               | 0                               | 0                     | 0                            | 0                 |
| 2018/19 | 74,119          | 26,431          | 100,550                         | 139,144               | 65,025                       | 38,594            |
| 2019/20 | 0               | 0               | 0                               | 50,000                | 50,000                       | 50,000            |
| 2020/21 | 0               | 0               | 0                               | 50,000                | 50,000                       | 50,000            |
| 2021/22 | 0               | 0               | 0                               | 100,000               | 100,000                      | 100,000           |
| Total   | \$3,838,408     | \$32,286        | \$3,870,694                     | \$4,134,288           | \$295,880                    | \$263,594         |

<sup>(2), (3)</sup> and (4) are from Exhibit PO-1, and net of the specific self insured retention and aggregate retention.

<sup>(5)</sup> is from Exhibit PO-7. .

Present Value of Estimated Outstanding Losses as of December 31, 2021

|         |                   |                  | Value of          |                       |
|---------|-------------------|------------------|-------------------|-----------------------|
|         |                   |                  | Entire start      | A 4: -: 4!            |
|         | Estimated         |                  | Estimated         | Anticipated<br>Future |
|         |                   | Description      | Outstanding       | Investment            |
| Claim   | Outstanding       | Present<br>Value | Losses<br>9/30/22 | Investment            |
|         | Losses<br>9/30/22 |                  |                   |                       |
| Period  |                   | Factor           | (2)X(3)           | (2)-(4)               |
| (1)     | (2)               | (3)              | (4)               | (5)                   |
| 1995/96 | \$0               | 1.00             | \$0               | \$0                   |
| 1996/97 | 0                 | 1.00             | 0                 | 0                     |
| 1997/98 | 0                 | 1.00             | 0                 | 0                     |
| 1998/99 | 0                 | 1.00             | 0                 | 0                     |
| 1999/00 | 0                 | 1.00             | 0                 | 0                     |
| 2000/01 | 0                 | 1.00             | 0                 | 0                     |
| 2001/02 | 0                 | 1.00             | 0                 | 0                     |
| 2002/03 | 0                 | 1.00             | 0                 | 0                     |
| 2003/04 | 0                 | 1.00             | 0                 | 0                     |
| 2004/05 | 0                 | 1.00             | 0                 | 0                     |
| 2005/06 | 0                 | 1.00             | 0                 | 0                     |
| 2006/07 | 0                 | 1.00             | 0                 | 0                     |
| 2007/08 | 0                 | 1.00             | 0                 | 0                     |
| 2008/09 | 30,855            | 1.00             | 30,855            | 0                     |
| 2009/10 | 0                 | 1.00             | 0                 | 0                     |
| 2010/11 | 0                 | 1.00             | 0                 | 0                     |
| 2011/12 | 0                 | 1.00             | 0                 | 0                     |
| 2012/13 | 0                 | 1.00             | 0                 | 0                     |
| 2013/14 | 0                 | 1.00             | 0                 | 0                     |
| 2014/15 | 0                 | 0.98             | 0                 | 0                     |
| 2015/16 | 0                 | 0.97             | 0                 | 0                     |
| 2016/17 | 0                 | 0.96             | 0                 | 0                     |
| 2017/18 | 0                 | 0.95             | 0                 | 0                     |
| 2018/19 | 65,025            | 0.94             | 61,254            | 3,771                 |
| 2019/20 | 50,000            | 0.94             | 47,000            | 3,000                 |
| 2020/21 | 50,000            | 0.94             | 47,000            | 3,000                 |
| 2021/22 | 100,000           | 0.95             | 94,800            | 5,200                 |
| Total   | \$295,880         |                  | \$280,909         | \$14,971              |

<sup>(2)</sup> is from Exhibit PO-9.

<sup>(3)</sup> is based on a 4% interest rate and the payout pattern in Exhibit PO-2 (page 1).

Projected Losses Paid October 1, 2022 to September 30, 2023

| \$309,189             |        | \$326,170             | \$79,754  | \$405,924 |                       |        |             |        |             | Total   |
|-----------------------|--------|-----------------------|-----------|-----------|-----------------------|--------|-------------|--------|-------------|---------|
| 84,814                | 0.95   | 89,466                | 20,578    | 110,044   | 18.7% *               | 18.7%  | 12.0        | 0.0%   | 0.0         | 2022/23 |
| 75,200                | 0.94   | 80,000                | 20,000    | 100,000   | 20.0% *               | 65.6%  | 24.0        | 18.7%  | 12.0        | 2021/22 |
| 37,600                | 0.94   | 40,000                | 10,000    | 50,000    | 20.0% *               | 82.0%  | 36.0        | 65.6%  | 24.0        | 2020/21 |
| 37,680                | 0.94   | 40,000                | 10,000    | 50,000    | 20.0% *               | 90.2%  | 48.0        | 18.7%  | 12.0        | 2019/20 |
| 49,211                | 0.95   | 52,020                | 13,005    | 65,025    | 20.0% *               | 94.7%  | 60.0        | 65.6%  | 24.0        | 2018/19 |
| 0                     | 0.96   | 0                     | 0         | 0         | 20.0% *               | 97.1%  | 72.0        | 82.0%  | 36.0        | 2017/18 |
| 0                     | 0.97   | 0                     | 0         | 0         | 20.0% *               | 98.5%  | 84.0        | 90.2%  | 48.0        | 2016/17 |
| 0                     | 0.98   | 0                     | 0         | 0         | 20.0% *               | 99.5%  | 96.0        | 94.7%  | 60.0        | 2015/16 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 108.0       | 97.1%  | 72.0        | 2014/15 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 120.0       | 98.5%  | 84.0        | 2013/14 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 132.0       | 99.5%  | 96.0        | 2012/13 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 144.0       | 100.0% | 108.0       | 2011/12 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 156.0       | 100.0% | 120.0       | 2010/11 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 168.0       | 100.0% | 132.0       | 2009/10 |
| 24,684                | 1.00   | 24,684                | 6,171     | 30,855    | 20.0% *               | 100.0% | 180.0       | 100.0% | 144.0       | 2008/09 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 192.0       | 100.0% | 156.0       | 2007/08 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 204.0       | 100.0% | 168.0       | 2006/07 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 216.0       | 100.0% | 180.0       | 2005/06 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 228.0       | 100.0% | 192.0       | 2004/05 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 240.0       | 100.0% | 204.0       | 2003/04 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 252.0       | 100.0% | 216.0       | 2002/03 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 264.0       | 100.0% | 228.0       | 2001/02 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 276.0       | 100.0% | 240.0       | 2000/01 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 288.0       | 100.0% | 252.0       | 1999/00 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 300.0       | 100.0% | 264.0       | 1998/99 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 312.0       | 100.0% | 276.0       | 1997/98 |
| 0                     | 1.00   | 0                     | 0         | 0         | 20.0% *               | 100.0% | 324.0       | 100.0% | 288.0       | 1996/97 |
| \$0                   | 1.00   | \$0                   | \$0       | \$0       | 20.0% *               | 100.0% | 336.0       | 100.0% | 300.0       | 1995/96 |
| (11)                  | (10)   | (9)                   | (8)       | (7)       | (6)                   | (5)    | (4)         | (3)    | (2)         | (1)     |
| (9)X(10)              | Factor | (/)-(8)               | (6)X(7)   | 9/30/22   | (100.0%-(3))          | Faid   | 9/30/23     | Faid   | 9/30/22     | Period  |
| 9/30/23               | Value  | 9/30/23               | Paid      | Losses    | ((5)-(3))/            | Losses | Development | Losses | Development | Claim   |
| Estimated Outstanding |        | Estimated Outstanding | Projected | Estimated | Paid<br>10/1/22 to    | D      | No.         |        | Most        |         |
| Present<br>Value of   |        |                       |           |           | Outstanding<br>Losses |        |             |        |             |         |
|                       |        |                       |           |           | Percent               |        |             |        |             |         |

<sup>\* -</sup> Limited to a maximum of 20% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit PO-2 (page 1).

<sup>(7)</sup> to 2021/22 is from Exhibit PO-9. The amount for 2022/23 is from Exhibit PO-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit PO-2 (page 1).

Projected Losses Paid October 1, 2023 to September 30, 2024

| \$334,719                              |        | \$353,103             | \$86,434  | \$439,537 |                                    |        |             |        |             | Total   |
|--|--------|-----------------------|-----------|-----------|------------------------------------|--------|-------------|--------|-------------|---------|
| 87,374                                 | 0.95   | 92,167                | 21,200    | 113,367   | 18.7% *                            | 18.7%  | 12.0        | 0.0%   | 0.0         | 2023/24 |
| 67,279                                 | 0.94   | 71,573                | 17,893    | 89,466    | 20.0% *                            | 65.6%  | 24.0        | 18.7%  | 12.0        | 2022/23 |
| 60,160                                 | 0.94   | 64,000                | 16,000    | 80,000    | 20.0% *                            | 82.0%  | 36.0        | 65.6%  | 24.0        | 2021/22 |
| 30,144                                 | 0.94   | 32,000                | 8,000     | 40,000    | 20.0% *                            | 90.2%  | 48.0        | 82.0%  | 36.0        | 2020/21 |
| 30,272                                 | 0.95   | 32,000                | 8,000     | 40,000    | 20.0% *                            | 94.7%  | 60.0        | 90.2%  | 48.0        | 2019/20 |
| 39,743                                 | 0.96   | 41,616                | 10,404    | 52,020    | 20.0% *                            | 97.1%  | 72.0        | 94.7%  | 60.0        | 2018/19 |
| 0                                      | 0.97   | 0                     | 0         | 0         | 20.0% *                            | 98.5%  | 84.0        | 97.1%  | 72.0        | 2017/18 |
| 0                                      | 0.98   | 0                     | 0         | 0         | 20.0% *                            | 99.5%  | 96.0        | 98.5%  | 84.0        | 2016/17 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 108.0       | 99.5%  | 96.0        | 2015/16 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 120.0       | 100.0% | 108.0       | 2014/15 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 132.0       | 100.0% | 120.0       | 2013/14 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 144.0       | 100.0% | 132.0       | 2012/13 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 156.0       | 100.0% | 144.0       | 2011/12 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 168.0       | 100.0% | 156.0       | 2010/11 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 180.0       | 100.0% | 168.0       | 2009/10 |
| 19,747                                 | 1.00   | 19,747                | 4,937     | 24,684    | 20.0% *                            | 100.0% | 192.0       | 100.0% | 180.0       | 2008/09 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 204.0       | 100.0% | 192.0       | 2007/08 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 216.0       | 100.0% | 204.0       | 2006/07 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 228.0       | 100.0% | 216.0       | 2005/06 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 240.0       | 100.0% | 228.0       | 2004/05 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 252.0       | 100.0% | 240.0       | 2003/04 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 264.0       | 100.0% | 252.0       | 2002/03 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 276.0       | 100.0% | 264.0       | 2001/02 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 288.0       | 100.0% | 276.0       | 2000/01 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 300.0       | 100.0% | 288.0       | 1999/00 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 312.0       | 100.0% | 300.0       | 1998/99 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 324.0       | 100.0% | 312.0       | 1997/98 |
| 0                                      | 1.00   | 0                     | 0         | 0         | 20.0% *                            | 100.0% | 336.0       | 100.0% | 324.0       | 1996/97 |
| \$0                                    | 1.00   | \$0                   | \$0       | \$0       | 20.0% *                            | 100.0% | 348.0       | 100.0% | 336.0       | 1995/96 |
| (11)                                   | (10)   | (9)                   | (8)       | (7)       | (6)                                | (5)    | (4)         | (3)    | (2)         | (1)     |
| (9)X(10)                               | Factor | (7)-(8)               | (6)X(7)   | 9/30/23   | (100.0%-(3))                       | Paid   | 9/30/24     | Paid   | 9/30/23     | Period  |
| 9/30/24                                | Value  | 9/30/24               | Paid      | Losses    | ((5)-(3))/                         | Losses | Development | Losses | Development | Claim   |
| Present Value of Estimated Outstanding |        | Estimated Outstanding | Projected | Estimated | Outstanding Losses Paid 10/1/23 to |        |             |        |             |         |
|  |        |                       |           |           | Dercent                            |        |             |        |             |         |

<sup>\* -</sup> Limited to a maximum of 20% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit PO-2 (page 1).

<sup>(7)</sup> to 2022/23 is from Exhibit PO-11 (page 1), (9). The amount for 2023/24 is from Exhibit PO-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit PO-2 (page 1).

Projected Losses Paid October 1, 2024 to September 30, 2025

| \$0<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>1   | 3,949<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 19,747<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 20.0% * 20.0% * 20.0% * 20.0% * 20.0% * 20.0% * 20.0% * 18.7% *   | 65.6%<br>18.7%    | 24.0<br>12.0 | 18.7%<br>0.0%     | 0.0                      | 2024/25 |
|---|---|--|---|-------------------|--------------|-------------------|--------------------------|---------|
| \$0<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1100<br>1  | 3,949<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 19,747<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 20.0% * 20.0% | 02.0%             |              |                   | 2                        | 2023/24 |
| \$50<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1 | 3,949<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 19,747<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 20.0% * 20.0% * 20.0% * 20.0% * 20.0% * 20.0% * *   | 03 00/            | 36.0         | 65.6%             | 24.0                     | 2022/23 |
| \$0<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>1   | 3,949<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 19,747<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 20.0% *<br>20.0% *<br>20.0% *   | 90.2%             | 48.0         | 82.0%             | 36.0                     | 2021/22 |
| \$0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | 3,949<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 19,747<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 20.0% *<br>20.0% *<br>20.0% *   | 94.7%             | 60.0         | 90.2%             | 48.0                     | 2020/21 |
| \$0<br>1,00<br>1,00<br>1,00<br>1,00<br>1,00<br>1,00<br>1,00<br>1,   | 3,949<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | 19,747<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 20.0% *<br>20.0% *  | 97.1%             | 72.0         | 94.7%             | 60.0                     | 2019/20 |
| \$0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | 3,94<br>0<br>0<br>0   | 19,747<br>0<br>0<br>0<br>0<br>0  | 20.0% *   | 98.5%             | 84.0         | 97.1%             | 72.0                     | 2018/19 |
| \$0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | 3,949<br>0<br>0<br>0  | 19,747<br>0<br>0<br>0<br>0   |   | 99.5%             | 96.0         | 98.5%             | 84.0                     | 2017/18 |
| \$0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | 3,949<br>0<br>0<br>0<br>0   | 19,747<br>0<br>0<br>0<br>0   | 20.0% *   | 100.0%            | 108.0        | 99.5%             | 96.0                     | 2016/17 |
| \$0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | 3,949<br>0<br>0<br>0  | 19,747<br>0<br>0<br>0  | 20.0% *   | 100.0%            | 120.0        | 100.0%            | 108.0                    | 2015/16 |
| \$0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | 3,949<br>0<br>0<br>0  | 19,747<br>0<br>0<br>0  | 20.0% *   | 100.0%            | 132.0        | 100.0%            | 120.0                    | 2014/15 |
| \$50<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>1  | 3,949<br>0<br>0   | 19,747<br>0<br>0<br>0  | 20.0% *   | 100.0%            | 144.0        | 100.0%            | 132.0                    | 2013/14 |
| \$50<br>0 1100<br>0 0 0 0   | 3,949<br>0<br>0   | 19,747<br>0<br>0<br>0  | 20.0% *   | 100.0%            | 156.0        | 100.0%            | 144.0                    | 2012/13 |
| \$0<br>0<br>1,00<br>0<br>0<br>0<br>1,00<br>0<br>0<br>0<br>1,00<br>0<br>0<br>0<br>1,00<br>0<br>0<br>0  | 3,949<br>0<br>0   | 19,747<br>0<br>0   | 20.0% *   | 100.0%            | 168.0        | 100.0%            | 156.0                    | 2011/12 |
| \$0<br>0<br>1,00<br>0<br>0<br>0<br>1,00<br>0<br>0<br>0<br>1,00<br>0<br>0<br>0<br>1,00<br>0<br>0<br>1,00<br>0<br>0<br>1,00<br>0<br>0<br>0  | 3,949   | 19,747<br>0  | 20.0% *   | 100.0%            | 180.0        | 100.0%            | 168.0                    | 2010/11 |
| \$0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | 3,949   | 19,747   | 20.0% *   | 100.0%            | 192.0        | 100.0%            | 180.0                    | 2009/10 |
| \$0 1100 1100 1100 1100 1100 1100 1100 1  |   |  | 20.0% *   | 100.0%            | 204.0        | 100.0%            | 192.0                    | 2008/09 |
| \$0 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.   | >   | 0  | 20.0% *   | 100.0%            | 216.0        | 100.0%            | 204.0                    | 2007/08 |
| \$0 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.   | 0   | 0  | 20.0% *   | 100.0%            | 228.0        | 100.0%            | 216.0                    | 2006/07 |
| \$0 0 0 1.00 1.00 1.00 1.00 1.00 1.00 1.0   | 0   | 0  | 20.0% *   | 100.0%            | 240.0        | 100.0%            | 228.0                    | 2005/06 |
| \$0 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.   | 0   | 0  | 20.0% *   | 100.0%            | 252.0        | 100.0%            | 240.0                    | 2004/05 |
| \$0 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.   | 0   | 0  | 20.0% *   | 100.0%            | 264.0        | 100.0%            | 252.0                    | 2003/04 |
| \$0 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.   | 0   | 0  | 20.0% *   | 100.0%            | 276.0        | 100.0%            | 264.0                    | 2002/03 |
| \$0 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.   | 0   | 0  | 20.0% *   | 100.0%            | 288.0        | 100.0%            | 276.0                    | 2001/02 |
| \$0 1.00<br>0 1.00<br>0 1.00<br>0 1.00<br>0 1.00  | 0   | 0  | 20.0% *   | 100.0%            | 300.0        | 100.0%            | 288.0                    | 2000/01 |
| \$0 1.00<br>0 1.00<br>0 1.00<br>0 1.00  | 0   | 0  | 20.0% *   | 100.0%            | 312.0        | 100.0%            | 300.0                    | 1999/00 |
| \$0 1.00<br>0 1.00<br>0 1.00  | 0   | 0  | 20.0% *   | 100.0%            | 324.0        | 100.0%            | 312.0                    | 1998/99 |
| \$0 1.00<br>0 1.00  | 0   | 0  | 20.0% *   | 100.0%            | 336.0        | 100.0%            | 324.0                    | 1997/98 |
| \$0 1.00  | 0   | 0  | 20.0% *   | 100.0%            | 348.0        | 100.0%            | 336.0                    | 1996/97 |
|   | \$0   | \$0  | 20.0% *   | 100.0%            | 360.0        | 100.0%            | 348.0                    | 1995/96 |
| (10)  |   | (7)  | (6)   | (5)               | (4)          | (3)               | (2)                      | (1)     |
| Factor  |   | 9/30/24  | (100.0%-(3))  | Paid              | 9/30/25      | Paid              | 9/30/24                  | Period  |
| Present Value of Estimated Estimated Outstanding Coursent Losses 1/25 Value 9/30/25   | Estimated Projected Outstanding Losses Losses Paid 9/30/25                                      | Estimated<br>Outstanding<br>Losses   | Percent Outstanding Losses Paid 10/1/24 to 9/30/25 ((5)-(3))/   | Percent<br>Losses | Months of    | Percent<br>Losses | Months of<br>Development | Claim   |

<sup>\* -</sup> Limited to a maximum of 20% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit PO-2 (page 1).

<sup>(7)</sup> to 2023/24 is from Exhibit PO-11 (page 2), (9). The amount for 2024/25 is from Exhibit PO-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit PO-2 (page 1).

Projected Losses Paid October 1, 2025 to September 30, 2026

| \$379,629                              |         | \$399,765             | \$97,987  | \$497,752 |   |         |             |         |             | Total   |
|--|---------|-----------------------|-----------|-----------|---|---------|-------------|---------|-------------|---------|
| 92,732                                 | 0.95    | 97,819                | 22,499    | 120,318   | 18.7% *                                     | 18.7%   | 12.0        | 0.0%    | 0.0         | 2025/26 |
| 71,403                                 | 0.94    | 75,961                | 18,990    | 94,951    | 20.0% *                                     | 65.6%   | 24.0        | 18.7%   | 12.0        | 2024/25 |
| 55,448                                 | 0.94    | 58,987                | 14,747    | 73,734    | 20.0% *                                     | 82.0%   | 36.0        | 65.6%   | 24.0        | 2023/24 |
| 43,149                                 | 0.94    | 45,806                | 11,452    | 57,258    | 20.0% *                                     | 90.2%   | 48.0        | 82.0%   | 36.0        | 2022/23 |
| 38,748                                 | 0.95    | 40,960                | 10,240    | 51,200    | 20.0% *                                     | 94.7%   | 60.0        | 90.2%   | 48.0        | 2021/22 |
| 19,558                                 | 0.96    | 20,480                | 5,120     | 25,600    | 20.0% *                                     | 97.1%   | 72.0        | 94.7%   | 60.0        | 2020/21 |
| 19,825                                 | 0.97    | 20,480                | 5,120     | 25,600    | 20.0% *                                     | 98.5%   | 84.0        | 97.1%   | 72.0        | 2019/20 |
| 26,128                                 | 0.98    | 26,634                | 6,659     | 33,293    | 20.0% *                                     | 99.5%   | 96.0        | 98.5%   | 84.0        | 2018/19 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 108.0       | 99.5%   | 96.0        | 2017/18 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 120.0       | 100.0%  | 108.0       | 2016/17 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 132.0       | 100.0%  | 120.0       | 2015/16 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 144.0       | 100.0%  | 132.0       | 2014/15 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 156.0       | 100.0%  | 144.0       | 2013/14 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 168.0       | 100.0%  | 156.0       | 2012/13 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 180.0       | 100.0%  | 168.0       | 2011/12 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 192.0       | 100.0%  | 180.0       | 2010/11 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 204.0       | 100.0%  | 192.0       | 2009/10 |
| 12,638                                 | 1.00    | 12,638                | 3,160     | 15,798    | 20.0% *                                     | 100.0%  | 216.0       | 100.0%  | 204.0       | 2008/09 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 228.0       | 100.0%  | 216.0       | 2007/08 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 240.0       | 100.0%  | 228.0       | 2006/07 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 252.0       | 100.0%  | 240.0       | 2005/06 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 264.0       | 100.0%  | 252.0       | 2004/05 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 276.0       | 100.0%  | 264.0       | 2003/04 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 288.0       | 100.0%  | 276.0       | 2002/03 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 300.0       | 100.0%  | 288.0       | 2001/02 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 312.0       | 100.0%  | 300.0       | 2000/01 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 324.0       | 100.0%  | 312.0       | 1999/00 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 336.0       | 100.0%  | 324.0       | 1998/99 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 348.0       | 100.0%  | 336.0       | 1997/98 |
| 0                                      | 1.00    | 0                     | 0         | 0         | 20.0% *                                     | 100.0%  | 360.0       | 100.0%  | 348.0       | 1996/97 |
| \$0                                    | 1.00    | \$0                   | \$0       | \$0       | 20.0% *                                     | 100.0%  | 372.0       | 100.0%  | 360.0       | 1995/96 |
| (11)                                   | (10)    | (9)                   | (8)       | (7)       | (6)   | (5)     | (4)         | (3)     | (2)         | (1)     |
| (9)X(10)                               | Factor  | (7)-(8)               | (6)X(7)   | 9/30/25   | (100.0%-(3))                                | Paid    | 9/30/26     | Paid    | 9/30/25     | Period  |
| 9/30/26                                | Value   | 9/30/26               | Paid      | Losses    | ((5)-(3))/                                  | Losses  | Development | Losses  | Development | Claim   |
| Present Value of Estimated Outstanding | Present | Estimated Outstanding | Projected | Estimated | Outstanding<br>Losses<br>Paid<br>10/1/25 to | Dercent | Months of   | Percent | Months of   |         |
|  |         |                       |           |           | Percent                                     |         |             |         |             |         |

<sup>\* -</sup> Limited to a maximum of 20% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit PO-2 (page 1).

<sup>(7)</sup> to 2024/25 is from Exhibit PO-11 (page 3), (9). The amount for 2025/26 is from Exhibit PO-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit PO-2 (page 1).

Projected Losses Paid October 1, 2026 to September 30, 2027

| 7 21,307 1,00 21,307<br>16 16,384 0,98 16,073<br>16 384 0,97 15,860<br>2 32,768 0,96 31,293<br>3 3,645 0,95 34,665<br>7 47,190 0,94 44,453<br>2 60,769 0,94 57,123<br>7 78,255 0,94 73,560<br>9 100,773 0,95 95,533 | 19,564<br>23,179            | 123,952                      |   | 18.7%             | 0.21      | 0.0%              | 0.0                      |         |
|---|-----------------------------|------------------------------|---|-------------------|-----------|-------------------|--------------------------|---------|
| 21,307 1,00<br>16,384 0.98<br>16,384 0.97<br>32,768 0.96<br>36,645 0.95<br>47,190 0.94<br>60,769 0.94<br>78,255 0.94  | 19.564                      | 400,000                      | 18.7% *   | 40.78/            | 100       | 0.7               |                          | 2026/27 |
| 21,307 1.00<br>16,384 0.98<br>16,384 0.97<br>32,768 0.96<br>36,645 0.95<br>47,190 0.94  |                             | 97.819                       | 20.0%   | 65.6%             | 24.0      | 18.7%             | 12.0                     | 2025/26 |
| 21,307 1.00<br>16,384 0.98<br>16,384 0.97<br>32,768 0.96<br>36,645 0.95   | 15 192                      | 75,961                       | 20.0%   | 82.0%             | 36.0      | 8Z.U%             | 36.0                     | 2023/24 |
| 21,307 1.00<br>16,384 0.98<br>16,384 0.97<br>32,768 0.96  | 9,161                       | 45,806                       | 20.0%   | 94.7%             | 60.0      | 90.2%             | 48.0                     | 2022/23 |
| 21,307 1.00<br>16,384 0.98<br>16,384 0.97   | 8,192                       | 40,960                       | 20.0% *   | 97.1%             | 72.0      | 94.7%             | 60.0                     | 2021/22 |
| 21,307 1.00<br>16,384 0.98  | 4,096                       | 20,480                       | 20.0% *   | 98.5%             | 84.0      | 97.1%             | 72.0                     | 2020/21 |
| 21,307 1.00   | 4,096                       | 20,480                       | 20.0% *   | 99.5%             | 96.0      | 98.5%             | 84.0                     | 2019/20 |
| 1:00  | 5,327                       | 26,634                       | 20.0% *   | 100.0%            | 108.0     | 99.5%             | 96.0                     | 2018/19 |
| 200   | 0                           | 0                            | 20.0% *   | 100.0%            | 120.0     | 100.0%            | 108.0                    | 2017/18 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 132.0     | 100.0%            | 120.0                    | 2016/17 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 144.0     | 100.0%            | 132.0                    | 2015/16 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 156.0     | 100.0%            | 144.0                    | 2014/15 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 168.0     | 100.0%            | 156.0                    | 2013/14 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 180.0     | 100.0%            | 168.0                    | 2012/13 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 192.0     | 100.0%            | 180.0                    | 2011/12 |
| 0   | 0                           | 0                            | 20.0% *   | 100.0%            | 204.0     | 100.0%            | 192.0                    | 2010/11 |
| 0 1.00  | 0                           | 0                            | 20.0% *   | 100.0%            | 216.0     | 100.0%            | 204.0                    | 2009/10 |
| 10,110  | 2,528                       | 12,638                       | 20.0% *   | 100.0%            | 228.0     | 100.0%            | 216.0                    | 2008/09 |
| 0   | 0                           | 0                            | 20.0% *   | 100.0%            | 240.0     | 100.0%            | 228.0                    | 2007/08 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 252.0     | 100.0%            | 240.0                    | 2006/07 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 264.0     | 100.0%            | 252.0                    | 2005/06 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 276.0     | 100.0%            | 264.0                    | 2004/05 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 288.0     | 100.0%            | 276.0                    | 2003/04 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 300.0     | 100.0%            | 288.0                    | 2002/03 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 312.0     | 100.0%            | 300.0                    | 2001/02 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 324.0     | 100.0%            | 312.0                    | 2000/01 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 336.0     | 100.0%            | 324.0                    | 1999/00 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 348.0     | 100.0%            | 336.0                    | 1998/99 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 360.0     | 100.0%            | 348.0                    | 1997/98 |
| 0 0 1.00 0  | 0                           | 0                            | 20.0% *   | 100.0%            | 372.0     | 100.0%            | 360.0                    | 1996/97 |
| 0 \$0 1.00 \$0  | \$0                         | \$0                          | 20.0% *   | 100.0%            | 384.0     | 100.0%            | 372.0                    | 1995/96 |
| (10)  | (8)                         | (7)                          | (6)   | (5)               | (4)       | (3)               | (2)                      | (1)     |
| Factor  | (6)X(7)                     | 9/30/26                      | (100.0%-(3))  | Paid              | 9/30/27   | Paid              | 9/30/26                  | Period  |
| Present Value of Estimated Estimated Outstanding Losses Present Losses 9/30/27 Value 9/30/27  | Projected<br>Losses<br>Paid | Estimated Outstanding Losses | Percent Outstanding Losses Paid 10/1/26 to 9/30/27 ((5)-(3))/ | Percent<br>Losses | Months of | Percent<br>Losses | Months of<br>Development | Claim   |

<sup>\* -</sup> Limited to a maximum of 20% per actuarial judgment.

<sup>(3)</sup> and (5) are from Exhibit PO-2 (page 1).

<sup>(7)</sup> to 2025/26 is from Exhibit PO-11 (page 4), (9). The amount for 2026/27 is from Exhibit PO-8.

<sup>(10)</sup> is based on a 4% interest rate and the payout pattern in Exhibit PO-2 (page 1).

#### Loss Rate and Severity Trend

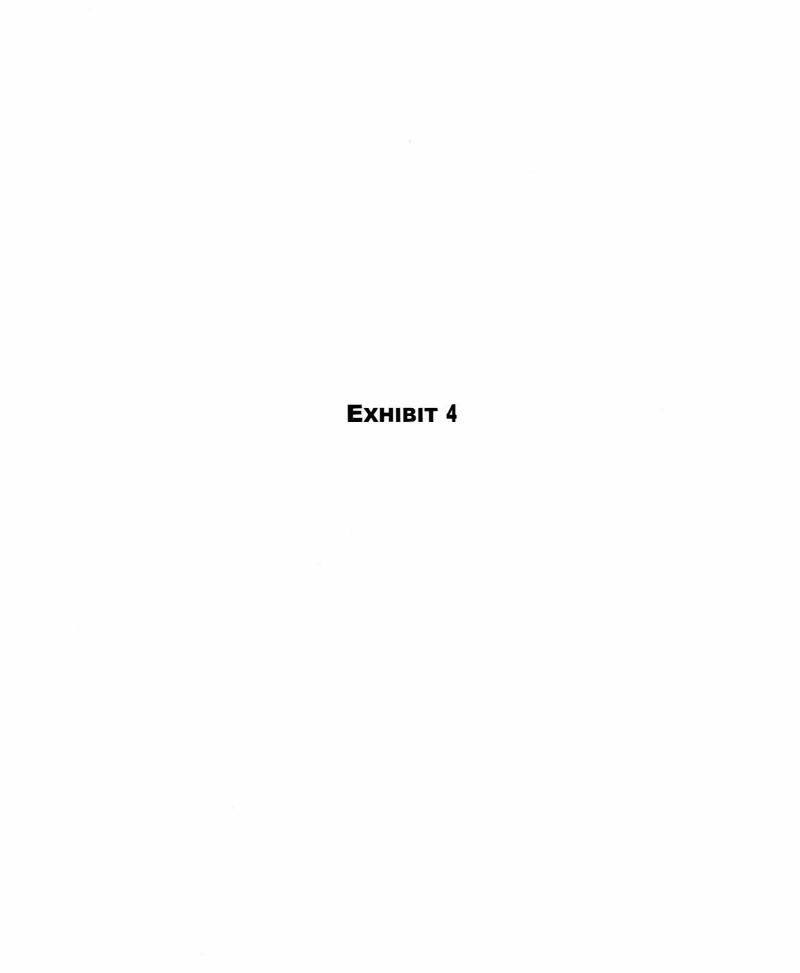
|         |             |          |           | Loss Rate   |          | Severity |
|---------|-------------|----------|-----------|-------------|----------|----------|
|         | Legislative | Residual | Retention | Trend       | Exposure | Trend    |
|         | Trend       | Trend    | Index     | (2022/23    | Trend    | (2022/23 |
| Claim   | (2022/23    | (2022/23 | (2022/23  | = 1.000)    | (2022/23 | = 1.000) |
| Period  | = 1.000)    | = 1.000) | = 1.000)  | (2)X(3)X(4) | = 1.000) | (5)X(6)  |
| (1)     | (2)         | (3)      | (4)       | (5)         | (6)      | (7)      |
|         |             |          |           |             |          |          |
| 2017/18 | 1.000       | 1.051    | 1.000     | 1.051       | 1.104    | 1.160    |
| 2018/19 | 1.000       | 1.041    | 1.000     | 1.041       | 1.082    | 1.126    |
| 2019/20 | 1.000       | 1.030    | 1.000     | 1.030       | 1.061    | 1.093    |
| 2020/21 | 1.000       | 1.020    | 1.000     | 1.020       | 1.040    | 1.061    |
| 2021/22 | 1.000       | 1.010    | 1.000     | 1.010       | 1.020    | 1.030    |
|         |             |          |           |             |          |          |
| 2022/23 | 1.000       | 1.000    | 1.000     | 1.000       | 1.000    | 1.000    |
| 2023/24 | 1.000       | 0.990    | 1.000     | 0.990       | 0.980    | 0.971    |
| 2024/25 | 1.000       | 0.980    | 1.000     | 0.980       | 0.961    | 0.942    |
| 2025/26 | 1.000       | 0.971    | 1.000     | 0.971       | 0.942    | 0.915    |
| 2026/27 | 1.000       | 0.961    | 1.000     | 0.961       | 0.924    | 0.888    |
|         |             |          |           |             |          |          |

<sup>(2)</sup> is based on industry statistics and actuarial judgment.

<sup>(3)</sup> is based on 1% trend per actuarial judgment.

<sup>(4)</sup> is based on industry statistics and actuarial judgment.

<sup>(6)</sup> is based on 2% trend.



#### OFFICE OF THE CITY ATTORNEY

# City of Miami Beach

F L O R I D A

RAFAEL A. PAZ City Attorney



Telephone: (305) 673-7470 Facsimile: (305) 673-7002

January 27, 2023

Via e-Mail: Alex.Auguste@rsmus.com

RSM US LLP 801 Brickell Avenue, Suite 1050 Miami, FL 33131

Re: City of Miami Beach - Financial Statements Audit, period ending September 30, 2022

Dear Mr. Auguste:

This letter is my response to your request to provide you (RSM US LLP) with certain information involving the matters with respect to which we have been engaged and to which we have devoted substantive attention on behalf of the City in the form of legal consultation or representation as of the date of this letter.

As City Attorney, I have general supervision over the City's legal affairs. However, some of the City's litigation is handled by outside counsel and we have been advised that such outside counsel have been requested to provide you with audit letters regarding the litigation that they handle. Reliance should be placed on such outside counsels' response with respect to the litigation handled by them.

#### **Pending or Threatened Litigation**

We are aware of no pending or threatened litigation claims and assessments (excluding unasserted claims and assessments) involving operations of the City considered by the management of the City to be "material" which is defined to include terms involving matter in excess of \$1,000,000, except the following:

#### 1. Chakra 5, Inc. 1501 Ocean Drive, LLC and Haim Turgman v. CMB, et al.

The owner of Chakra 5 Lounge, which was the location of the FBI sting that resulted in the termination, arrest, and conviction of City employees for soliciting bribes in exchange for ignoring code violations, is the plaintiff in this case, along with his related corporate entities. He alleges that the City had a policy of accepting bribes and taking property without provided due process. The City was granted Summary Judgment in its favor, and this matter was appealed. The intermediate appellate court has affirmed the lower court ruling, but as of the date of this letter, the deadline to seek further appellate review has not yet elapsed.

#### 2. <u>Jared McGriff, et al. v. City of Miami Beach, Mayor Gelber, Jimmy Morales</u>

The plaintiff has sued the City and has alleged a cause of action under the First Amendment. The complaint is based on the City's decision not to display an art installation at the ReFrame Miami Beach festival during Memorial Day weekend 2019. The City was granted Summary Judgment in its favor, and this matter is on appeal.

#### 3. Jamie Senko v. City of Miami Beach

The plaintiff sued the City and alleged a cause of action pursuant to Section 1983 and 1988 against the City of Miami Beach Police Department (MBPD). The nature of action arises from an alleged unlawful deprivation of the plaintiff's rights. The City and officers have filed a motion for summary judgment. The trial is set for the period commencing 5/23/22. The City was granted Summary Judgment in its favor, and this matter is on appeal.

#### 4. Greg Mirmelli v. The City of Miami Beach

On August 24, 2018, the plaintiff served the above-subject lawsuit upon the City of Miami Beach. The plaintiff is attempting to challenge the constitutional and statutory validity of the City's short-term rental ordinances, which prohibit transient rentals throughout certain zoning districts within the City, and the City's enforcement policies of those ordinances on several legal grounds. Specifically, the plaintiff is alleging: (1) violation of his equal protection rights under Florida and U.S. Constitutions, (2) violation of Florida's antitrust laws, (3) violation of the Dormant Commerce clause, (4) violation of the Florida and Federal takings clause, and (5) violation of Section 162.09(2)(d) of Florida Statutes based on Florida statutory preemption.

This matter is being handled by outside counsel.

## 5. <u>Natalie Nichols v. City of Miami Beach, Dan Gelber, Micky Steinberg, Mark Samuelian, Michael Gongora, Kristen Rosen Gonzalez, Ricky Arriola and John Elizabeth Aleman</u>

On July 18, 2018, the plaintiff served the above-subject lawsuit upon the City of Miami Beach and specifically identified each individual Commissioner as a Defendant in this matter. The plaintiff attempts to challenge the constitutionality and statutory validity of the City's short-term rental ordinances that prohibit transient rentals throughout certain zoning districts within the City of Miami Beach. More specifically, the plaintiff seeks to challenge Section § 142-905(b)(5) and § 142-1111 of the Miami Beach City Code, by alleging that the City's Code of Laws and Ordinances violate the plaintiff's equal protection rights and that the penalty provisions constitute excessive punishment. In further allegations of the lawsuit, the plaintiff is seeking to establish that the City's laws are preempted by the State of Florida.

This matter is being handled by outside counsel.

#### 6. Rajeev Ramsinghani v. Ric-Man International, Inc. and City of Miami Beach

The plaintiff, Rajeev Ramsinghani, filed a lawsuit against the City and the City's Contractor, Ric-Man International, Inc. ("Ric-Man"). The lawsuit relates to alleged structural damages sustained as a result of the City's installation of stormwater pumps installed in close proximity to the plaintiff's

property. The plaintiff has alleged counts of Negligence, Gross Negligence, and Nuisance against the City. The City tendered this claim to Ric-Man, based on Ric-Man's contractual indemnity and defense obligations pursuant to the construction agreement. A court-ordered Mediation Conference was conducted and this case is now settled with no payment by the City of Miami Beach. The Court has entered a final order of dismissal and closed the case.

### 7. <u>Juan A. Garcia, Jr. et al. v. Florida Department of Environmental Protection, City of Miami Beach et al.</u>

This is a third-party complaint for Declaratory Judgment, Contractual Indemnity, and Common Law Indemnity brought by the State against the City of Miami Beach relating to a pending lawsuit for negligence. In the negligence suit, the plaintiff claimed that on February 1, 1989, the plaintiff dove off a City-operated pier and struck construction debris left by City contractors resulting in catastrophic injuries. The State-owned the area in question and entered into an agreement with the City to operate and manage the property. The City settled the claims against it for \$1.25 million over twenty-five years ago. The suit has continued, however, against the State. The State claims that the City executed permits and agreements which obligated the City to indemnify the State from this type of claim.

In the unlikely event that the plaintiff would prevail, a judgment for damages, attorneys' fees, and costs could exceed \$1,000,000.

8. Manuel Menendez as Personal Representative of the Estate of Raul Menendez,
Deceased vs. Tm Yachting Charter LLC, a Florida limited liability company, Laurent
Marc-Antoine Jean Maubert-Cayla; Mauricio Alvarez; Miami-Dade County, a political
subdivision of the State of Florida; and, the City Of Miami Beach

This is an action for wrongful death by the Estate of Raul Menendez. Mr. Menendez was killed in a boating accident off of Monument Island on April 1, 2018. The plaintiff claims that the City and County were negligent in operating facilities on Monument Island. After a motion to dismiss based on sovereign immunity was denied, the City of Miami Beach filed an appeal. That appeal is now pending.

In the unlikely event that the plaintiff would prevail, a judgment for damages, attorneys' fees, and costs could exceed \$1,000,000. In order for Plaintiff to obtain any amount in excess of \$300,000, however, Plaintiff would need to win all appeals taken and obtain a claim bill from the legislature.

### 9. Nine Island Avenue et al. v. City of Miami Beach and Setai et al. v. City of Miami Beach

These are actions brought on behalf of twenty-five entities that own or control multi-family residential, commercial or condominium real property in Miami Beach. The plaintiffs are asserting claims for Declaratory Relief and Restitution of alleged overpayments of the City's stormwater utility fee. The plaintiffs claim that the stormwater utility fee is arbitrary, unreasonable and discriminatory, and therefore illegal. The City has answered the Complaint. The parties are currently awaiting the ruling in a substantially similar case against the Town of Surfside. There is no trial date.

In the unlikely event that the plaintiff would prevail, a judgment for damages, attorneys' fees, and costs could exceed \$1,000,000.

### 10. <u>Honeywell International, Inc. v. Clark Construction Group et al and the City of Miami Beach</u>

This is an action by a subcontractor on a construction project by Clark Construction Group, LLC relating to the Miami Beach Convention Center against the City of Miami Beach for damages relating to work done by Plaintiff. At bottom, this is a dispute between Clark Construction Group, LLC and Honeywell International, Inc. over how to allocate the proceeds from a \$35 million settlement between Clark and the City, and whether the City should be required to indemnify Honeywell for damages, attorney fees and costs incurred by Honeywell in its dispute with Clark. The case has been unsuccessfully mediated. A second amended complaint was filed on December 15, 2022, and the City has counter- and cross-claimed for declaratory and injunctive relief. The case is proceeding with discovery and there is a pending motion to dismiss the City's cross-claim as well as a pending motion for partial summary judgment on several key issues in the complaint.

In the unlikely event that the plaintiff would prevail, a judgment for damages and costs could exceed \$1,000,000.

### 11. <u>Varcamp Properties LLC et al v. City of Miami Beach I and Varcamp Properties LLC et al. v. City of Miami Beach II</u>

These are two related actions filed by property owners claiming that street elevation adjoining the relevant properties has caused flooding which has damaged structures and created current and future economic losses. The first action is in federal court and seeks damages for alleged negligence and inverse condemnation under both the Florida and United States Constitutions. The second action is in state court and it is brought pursuant to the Bert J. Harris Act, which provides relief for property owners when governmental action unduly burdens the property interests of private property owners.

Both of these cases are currently at early stages. The federal case is awaiting a ruling on a motion to dismiss. No response has yet been filed in the state case.

In the unlikely event that the plaintiff would prevail, a judgment for damages and costs could exceed \$1,000,000.

### 12. <u>Congregation 3401 Prairie Bais D'Kerestir, Inc. and Rabbi Arie Wohl v. City of Miami Beach</u>

This is an action for damages and injunctive relief brought by a Rabbi and a Synagogue claiming religious discrimination under 42 U.S.C. § 1983. The City has counterclaimed for declaratory and injunctive relief. The case is still in the discovery phase. The case is set for trial during the two week period commencing May 8, 2023.

In the unlikely event that the plaintiff would prevail, a judgment for damages, attorney fees and costs could exceed \$1,000,000.

This matter is being handled by outside counsel.

#### 13. The Estate of Peniel Janvier adv. The City of Miami Beach

The City of Miami Beach has been put on notice by attorneys for the Estate of Peniel Janvier of a claim for negligence relating to the drowning death of Peniel Janvier in August 2022. Suit has not yet been filed. In the unlikely event that the plaintiff would prevail, a judgment for damages, attorneys' fees, and costs could exceed \$1,000,000. In order for Plaintiff to obtain any amount in excess of \$300,000, however, Plaintiff would need to win all appeals taken and obtain a claim bill from the legislature.

#### 14. Jonathan Hall adv. The City of Miami Beach

The City of Miami Beach has been put on notice by attorneys for Jonathan Hall of a claim for damages relating to an alleged wrongful shooting of Jonathan Hall at the Fritz Hotel on March 14, 2020. Suit has not yet been filed. In the unlikely event that the plaintiff asserts state-law claims and would prevail, a judgment for damages, attorneys' fees, and costs could exceed \$1,000,000. In order for Plaintiff to obtain any amount in excess of \$200,000 for a state claim, however, Plaintiff would need to win all appeals taken and obtain a claim bill from the legislature. If, however, he makes a federal claim, Plaintiff could obtain a collectable judgement in excess of \$1,000,000.

Very truly yours,

Rafael A. Paz City Attorney

RAP/ag

cc: Vyomie Greene, Assistant Finance Director