# FINANCIAL STATEMENTS AND SUPPLEMENTAL DATA

December 31, 2017

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MANAGEMENT'S DISCUSSION	AND ANALYSIS (UNAUDITED	)

### MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

The Public Entity Joint Insurance Fund (the "Fund") is not included in any other governmental "reporting entity" as defined by Governmental Accounting Standards Board ("GASB") Statement No. 14. The Fund is a pooling of the resources of its constituent member local units for the purpose of providing an efficient and cost effective plan of risk management both through the pooling of risk among its members and the economies of scale in risk transfer methodologies that the size of the Fund permits. Each member local unit appoints one Commissioner to the Fund, and the Commissioners adopt budgets and set annual assessments from the members, approve annual risk management plans and oversee the operations of the Fund. The Fund is not considered a component unit of any of its member local units. In addition, the Fund does not have any component units. The following Management's Discussion and Analysis of the activities and financial performance of the Fund provide an introduction to the financial statements of the Fund as of and for the years ended December 31, 2017 and 2016. Please read the following in conjunction with the Fund's basic financial statements and accompanying footnotes.

The Management's Discussion and Analysis is an element of the reporting model adopted by the GASB Statement No. 34, Basic Financial Statements - and Management's Discussion and Analysis – for State and Local Governments, issued June 1999.

#### FINANCIAL HIGHLIGHTS

### 2017

Cash and investments increased by \$526,324 (13.4%) to \$4,450,643 in 2017 from \$3,924,319 in 2016 and total assets increased by \$871,573 (21.8%) to \$4,863,300 in 2017 from \$3,991,727 in 2016.

Claims reserves increased by \$378,499 (6.6%) to \$6,102,817 in 2017 from \$5,724,318 in 2016.

Net gain was \$534,070 in 2017 versus a net loss of \$175,117 in 2016.

#### 2016

Cash and investments increased by \$971,761 (32.9%) to \$3,924,319 in 2016 from \$2,952,558 in 2015 and total assets increased by \$938,995 (30.8%) to \$3,991,727 in 2016 from \$3,052,732 in 2015.

Claims reserves increased by \$1,064,862 (22.8%) to \$5,724,318 in 2016 from \$4,659,456 in 2015.

Net loss was \$175.117 in 2016 versus a net loss of \$905.813 in 2015.

## **OVERVIEW OF THE FINANCIAL STATEMENTS**

The Fund is a self-supporting entity and follows business-type activities fund reporting. The Fund's financial statements are presented using the economic resources measurement focus and the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America. Enterprise fund statements reflect short and long-term financial information about the activities and operations of the Fund. These statements are presented in a manner similar to a private business. See the notes to the financial statements for a summary of the Fund's significant accounting policies.

MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

#### FINANCIAL ANALYSIS OF THE FUND

#### **Financial Position**

The following table summarizes the changes in financial position and increase/decrease in net position between December 31, 2017, 2016 and 2015:

	2017	2016	2015	2017-2016 \$ Increase (Decrease)	2017-2016 % Increase (Decrease)
Cash, Cash Equivalents & Investments Deductible & Co-Insurance Receivables Recoverable from Excess Carriers Other Assets	\$ 4,450,6 89, 311, 11,4	188 60 765	,319 \$ 2,952,558 ,436 96,361  ,972 3,813	29,052 311,765	13% 48% 100% 64%
Total Assets	4,863,	3,991	,727 3,052,732	871,573	22%
Total Liabilities	6,154,6	5,817	4,703,028	337,503	6%
Net Position	\$ (1,291,	343) \$ (1,825	\$ (1,650,296	<u>\$ 534,070</u>	-29%

## <u>Assets</u>

#### 2017

The Fund's cash flow from operations is invested in an interest-bearing custody account and with the New Jersey Cash Management Fund. The Fund utilizes a nightly sweep for investment purposes with its financial institution. During 2017 and 2016, the Fund also invested its available funds in U.S. Treasury Securities and U.S. Government Agency Securities.

The fund recorded a receivable in the amount of \$401,253 that consisted of \$89,488 of balances due from its Members' representing the Members' deductible and co-insurance amounts on its Employment Practices Liability claims. The unbilled deductibles and co-insurance will be billed as the claim closes. Additionally, recoverables from excess carriers represent amounts from claims that exceed retention levels in accordance with the Fund's excess insurance program. The balance of \$311,765 as of December 31, 2017 reflects amounts due from excess carriers under the Employment Practices Liability aggregate stop loss program during the 2015 year of \$288,452 and excess insurance for all other lines of business during the 2015 through 2016 Fund years of \$23,313.

Other assets include accrued interest in 2017. The increase in total assets from 2016 primarily resulted from an increase in funds held to meet future claim obligations.

#### 2016

The Fund's cash flow from operations is invested in an interest-bearing custody account and with the New Jersey Cash Management Fund. The Fund utilizes a nightly sweep for investment purposes with its financial institution. During 2016, the Fund also invested its available funds in U.S. Treasury Securities and U.S. Government Agency Securities.

The Fund recorded a receivable in the amount of \$60,436 which consists of balances due from its Members representing the Members' deductible and co-insurance billings of \$22,615. The amount recorded as a receivable at December 31, 2016 is comprised of billed to Members \$22,615 and unbilled \$37,821. The unbilled deductibles will be billed as the claim is closed.

MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

Other assets include accrued interest in 2016. The increase in total assets from 2015 primarily resulted from an increase in funds held to meet future claim obligations.

## FINANCIAL ANALYSIS OF THE FUND (CONTINUED)

#### Liabilities

The liability for unpaid losses and loss adjustment expenses reported in the financial statements includes case basis estimates of reported claims plus supplemental amounts for potential development of known claims and amounts for claims incurred but not yet reported. The ultimate liability for these claims has been calculated based upon loss projections utilizing certain assumptions and industry data. Management believes that its aggregate liability for unpaid losses and loss adjustment expenses at year end represents its best estimate, based upon the available data, of the amount necessary to cover the ultimate cost of losses; however, because of the limited population of insured risks, limited historical data and the nature of the coverage provided, it is not presently possible to determine whether actual loss experience will conform to the assumptions used in determining the estimated amounts for such liability at the statement of net position date. Accordingly, the ultimate liability could be in excess of or less than the amount indicated in the financial statements. As adjustments to these estimates become necessary, such adjustments are reflected in current operations.

Expenses payable represents the liability for expenses incurred at year-end but not paid as of the statement of net position date.

## **Results of Operations**

The following table summarizes the changes in results of operations between fiscal years 2017, 2016 and 2015:

	2017 2016					2015	\$ 017-2016 Increase Decrease)	2017-2016 % Increase (Decrease)
Revenues Claims Expenses	\$	6,933,139 (1,939,283) (4,484,198)	\$	6,347,965 (2,395,568) (4,155,055)	\$	5,864,126 (2,875,548) (3,893,693)	\$ 585,174 456,285 (329,143)	9% -19% 8%
Operating income (loss)		509,659		(202,658)		(905,115)	712,317	351%
Investment income		24,411	_	27,540	_	(698)	(3,129)	-11%
Changes in net position	\$	534,070	\$	(175,118)	\$	(905,813)	\$ 709,188	405%

Revenues consist of Fund member contributions. The change in revenues and expenses were in line with budgets adopted for the year as required by the New Jersey Department of Banking and Insurance and the Department of Community Affairs, State of New Jersey.

MANAGEMENT'S DISCUSSION AND ANALYSIS – (UNAUDITED)

## FINANCIAL ANALYSIS OF THE FUND (CONTINUED)

## **Cash Flow and Liquidity**

The following table summarizes the changes in cash flow and liquidity for the fiscal years ended December 31, 2017, 2016 and 2015:

,	2017		2016	2015
Cash Flows from Operating Activities:				
Cash Contributions Received from Participants and Other Sources	\$ 6,972,311	\$	6,696,336	\$ 5,792,116
Cash Payments for Goods and Services	(1,675,414	)	(1,585,544)	(1,504,988)
Risk Transfer Premiums	(2,797,380	)	(2,618,761)	(2,424,689)
Cash Payments for Costs of Claims	(2,114,044	)	(1,544,651)	(360,240)
Net Cash Provided by Operating Activities	385,473	_	947,380	 1,502,199
Cash Flows from Investing Activities:				
Purchase of Investments - Net	(350,346	)	(845,521)	(1,899,780)
Investment Income	19,980	_	24,382	 (3,282)
Net Cash Used by Investing Activities	(330,366	)	(821,139)	 (1,903,062)
Net Increase (Decrease) in Cash and Cash Equivalents	55,107		126,241	(400,863)
Cash and Cash Equivalents, January 1, 2017	202,942	_	76,701	 477,564
Cash and Cash Equivalents, December 31, 2017	\$ 258,049	\$	202,942	\$ 76,701

## **Cash Flow and Liquidity (Continued)**

In order to provide for an increase in the yield on investments while managing credit risk, in 2017 and 2016, the Fund continued investing in U.S. Treasury and U.S. Government Agency Securities.

The remaining amount of cash and cash equivalents held by the Fund is kept in a Governmental Unit Deposit Protection Act ("GUDPA") approved account which enables the Fund to maintain optimum liquidity. When cash is channeled into securities, the Fund's investment strategy is to invest in those assets whose maturities are similar to the actuarial expected payout of the related losses and loss adjustment expenses. The Fund has sufficient cash resources to meet its statement of net position liabilities as they become due.

#### **DEBT ADMINISTRATION**

The Fund has no debt as of the date of this report.

#### CONTACTING THE FUND'S MANAGEMENT

This financial report is designed to provide its constituent members and their residents and taxpayers, and the Fund's customers, investors and creditors, with a general overview of the Fund's finances and to demonstrate the Fund's accountability for the money it receives. If you have questions about this report or need additional information, please contact the Executive Director, Public Entity Joint Insurance Fund, Jonathan Hall, NIP Group, Inc., 900 Route Nine North, Suite 503, Woodbridge, NJ 07095.





#### INDEPENDENT AUDITORS' REPORT

To the Honorable Chairperson and Board of Fund Commissioners of the Public Entity Joint Insurance Fund Woodbridge, New Jersey 07095

## Report on the Financial Statements

We have audited the accompanying financial statements of the Public Entity Joint Insurance Fund, Woodbridge, State of New Jersey (the "Fund"), as of and for the years ended December 31, 2017 and 2016, and the related notes to financial statements, which collectively comprise the Fund's basic financial statements as listed in the table of contents.

## Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

## **Auditors' Responsibility**

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted ours audits in accordance with auditing standards generally accepted in the United States of America, the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, and the audit requirements prescribed by the State of New Jersey, Departments of Community Affairs ("DCA") and Banking and Insurance ("DOBI"). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our qualified audit opinion.

## **Basis for Qualified Opinion**

As permitted by the DCA and DOBI, audit procedures were not extended to the underlying actuarial assumptions for Incurred but Not Reported ("IBNR") reserve balances, as these assumptions are prepared by the Fund's actuary.

#### INDEPENDENT AUDITORS' REPORT (CONTINUED)

## **Qualified Opinion**

In our opinion, the financial statements referred to above, except for the effects of any potential adjustments pertaining to the unaudited IBNR reserve balances as described in the Basis for Qualified Opinion paragraph, present fairly, in all material respects, the financial position of the Fund as of December 31, 2017 and 2016, and the changes in financial position and cash flows for the years then ended, in accordance with accounting principles generally accepted in the United States of America.

#### **Other Matters**

## Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages one through four and ten year claims development information on page 20, be presented to supplement the basic financial statements. Such information, although not a part of the financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

## Supplementary Information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Fund's basic financial statements. The accompanying supplemental schedules as listed in the table of contents, are presented for the purposes of additional analysis and are not a required part of the basic financial statements. The supplemental schedules have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

## Other Reporting by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated May 31, 2018, on our consideration of the Fund's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Fund's internal control over financial reporting and compliance.

Mercadien, P.C. Certified Public Accountants

May 31, 2018



# STATEMENTS OF NET POSITION December 31, 2017 and 2016

ASSETS Cash & Cash Equivalents Investments Recoverables Recorded Not Billed Assessment/Endorsement to Member Accrued Interest	2017 \$ 258,049 4,192,594 401,253 - 11,404	2016 \$ 202,942 3,721,377 37,821 22,615 6,972
Total Assets	\$ 4,863,300	\$ 3,991,727
LIABILITIES AND NET POSITION Liabilities Claims Case Reserves IBNR Reserves Claims Payable Expenses Accrued Expenses Total Liabilities	\$ 3,236,400 1,794,972 1,071,445 51,826 6,154,643	\$ 2,618,993 2,587,141 518,184 92,822 5,817,140
Net Position	\$ (1,291,343)	\$ (1,825,413)

# STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION Years Ended December 31, 2017 and 2016

	2017	2016
REVENUES Assessments - Participating Members	\$ 6,933,139	\$ 6,347,965
Total Revenues	6,933,139	6,347,965
EXPENSES  Provision for Claims and Claim    Adjustment Expense - Net    Excess Insurance Premiums    Administrative Expenses  Total Expenses	1,939,284 2,797,380 1,686,818 6,423,482	2,395,568 2,618,761 1,536,294 6,550,623
Operating Income (Loss)	509,658	(202,658)
Non-Operating Income: Net Investment Income	24,412	27,541
Total Non-Operating Income	24,412	27,541
Changes in Net Position	534,070	(175,117)
Net Position - Beginning of Year	(1,825,413)	(1,650,296)
Net Position - End of Year	\$ (1,291,343)	\$ (1,825,413)

# STATEMENTS OF CASH FLOWS Years Ended December 31, 2017 and 2016

Oach Floor from Oasselling Adii Was	 2017		2016
Cash Flows from Operating Activities  Cash Contributions Received from Participants and Other Sources  Cash Payments for Goods and Services  Cash Payments for Risk Transfer Premiums  Cash Payments for Costs of Claims	\$ 6,972,311 (1,675,414) (2,797,380) (2,114,044)	\$	6,696,336 (1,585,544) (2,618,761) (1,544,651)
Net Cash Provided by Operating Activities	 385,473		947,380
Cash Flows from Investing Activities Redemption/(Purchases) of Investments Investment Income Net Cash Provided by Investing Activities	(350,346) 19,980 (330,366)	_	(845,521) 24,382 (821,139)
Net Increase in Cash and Cash Equivalents Cash and Cash Equivalents, Beginning of Year Cash and Cash Equivalents, End of Year	\$ 55,107 202,942 258,049	\$	126,241 76,701 202,942
Reconciliation of Operating Income to Net Cash Provided by Operating Activities:  Operating Income (Loss)  Adjustment to Reconcile Operating Income to Net Cash Provided by Operating Activities:  Change in Assets and Liabilities:	509,658		(202,658)
Receivables Claim Reserves Accrued Expenses	 (461,688) 378,499 (40,996)		35,926 1,064,862 49,250
Net Cash Provided by Operating Activities	\$ 385,473	\$	947,380



#### A. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

## **Description of the Fund**

The Public Entity Joint Insurance Fund (the "Fund") was established, effective January 1, 2014, in accordance with P.L. 1983, c.372 of the State of New Jersey, entitled "An Act Concerning Joint Insurance Funds for Local Units of Government", codified as N.J.S.A. 40A:10-1 et seq. The Department of Banking and Insurance ("DOBI") and the Department of Community Affairs ("DCA") of the State of New Jersey have been designated by statute as oversight agencies for joint insurance funds and have issued regulations governing the operations of these funds. The Fund provides for a pooling of the participants' insurable risks and the associated resources available to manage these risks. The Fund operates in accordance with its by-laws and its Plan of Risk Management and Annual Budget.

Participating entities generally must remain in the Fund for a minimum of three (3) years unless terminated by a majority vote of the Fund Commissioners or a two-thirds vote of the Executive Committee for nonpayment of assessments or continued noncompliance after written notice to comply with the bylaws or other obligations. The Fund has eight members in total for 2017 and 2016.

Member contributions to the Fund for claim payments are based on the actuarial assumptions determined by the Fund's actuary. The Commissioner of Insurance may order additional assessments to supplement the Fund's claim, loss retention or administrative accounts to assure the payment of the Fund's obligations.

The Fund's administration is provided by an executive director/administrator. Fees paid to the administrative consultants encompass the administrative duties that are performed at the administrative consultant's office. Accordingly, the Fund does not maintain any fixed assets or incur payroll expense.

The following primary coverages are offered by the Fund to its members:

- a) Workers' Compensation
- b) General Liability
- c) Property Damage/APD
- d) Auto Liability
- e) Employment Practices Liability/Public Officials Liability

#### Reporting Entity

Governmental Accounting Standards Board ("GASB") Codification Section 2100, "Defining Financial Reporting Entity" establishes standards to determine whether a governmental component unit should be included in the financial reporting entity. The basic criterion for inclusion or exclusion from the financial reporting entity is the exercise of oversight responsibility over agencies, boards and commissions by the primary government. The exercise responsibility includes financial interdependency, selection of governing authority, designation of management, ability to significantly influence operations, and accountability for fiscal matters. The Fund has determined that there were no additional entities required to be included in the reporting entity under the criteria as described above. In addition, the Fund is not includable in any other reporting entity on the basis of such criteria.

#### NOTES TO FINANCIAL STATEMENTS

### A. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

## **Basis of Presentation and Accounting**

The financial statements of the Fund have been prepared in accordance with accounting principles generally accepted in the United States of America. The Fund's financial statements are presented as those of an enterprise fund. The focus of enterprise fund is a measurement of economic resources, that is, the determination of net income, financial position and cash flows.

Enterprise Funds are used to account for activities that are operated in a manner similar to private business enterprises.

The Fund uses the accrual basis of accounting, whereby income is recorded as earned and expenses are recognized as incurred.

#### **Income Taxes**

The Fund is a tax-exempt organization and is not subject to either federal or state income taxes.

#### **Assessments**

The gross claim fund assessment is determined by the actuary and, when combined with expense and excess premium projections, constitutes the Fund's budget. Assessments for participating municipalities are determined by underwriting criteria established by the Executive Committee.

## **Unpaid Claim Liabilities**

The Fund establishes claims liabilities based on estimates of the ultimate cost of claims that have been reported but not settled, and of claims that have been incurred but not reported. The length of time for which such costs must be estimated varies depending on the coverage involved. Estimated amounts of excess insurance recoverable on unpaid claims are deducted from the liability for unpaid claims. Because actual claim costs depend on such complex factors as inflation, changes in doctrines of legal liability, and damage awards, the process used in computing claims liabilities does not necessarily result in an exact amount, particularly for coverages such as general liability. Claims liabilities are recomputed periodically using a variety of actuarial and statistical techniques to produce current estimates that reflect recent settlements, claim frequency, and other economic and social factors. A provision for inflation in the calculation of estimated future claims costs is implicit in the calculation because reliance is placed both on actual historical data that reflect past inflation and on other factors that are considered to be appropriate modifiers of past experience. Adjustments to claims liabilities are charged or credited to expense in the periods in which they are made. The fund does not discount estimated claim liabilities.

In accordance with practices prescribed or permitted by the DCA and DOBI, State of New Jersey, the Independent Auditors' procedures were not extended to the underlying actuarial assumptions for Incurred but Not Reported (IBNR) reserve amounts since they are prepared by the Fund's actuary.

#### NOTES TO FINANCIAL STATEMENTS

#### A. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

#### **Recoverables from Excess Carriers**

The Fund uses excess insurance agreements to reduce its exposure to large losses on certain types of insured events. Excess insurance permits recovery of a portion of losses from reinsurers, although it does not discharge the primary liability of the Fund as direct insurer of the risks reinsured. The Fund does not report reinsured risks as liabilities unless it is probable that those risks will not be covered by reinsurers.

#### Recoverables Recorded but Not Billed

During the years ended December 31, 2017 and 2016, the Fund has recorded as accounts receivable recoverables due from Members for claims expenses paid by the Fund based upon levels of self-retention. The Fund will bill these receivables to the Members when the claim status is closed.

#### **Administrative Expenses**

Administrative expenses are comprised mainly of compensation for services rendered by servicing organizations and appointed officials pursuant to written fee guidelines submitted to and approved by a majority of the Commissioners.

#### **Claims Case Reserves**

Case reserves include estimated unpaid claim costs for claimants and allocated claim adjustment expenses as reported by the service agent.

## Claims Incurred But Not Reported (IBNR) Reserves

In order to recognize claims incurred but not reported, a reserve is calculated by the Fund's actuary within an acceptable range from the estimated outstanding reserve.

IBNR reserves include:

- a) Known loss events that are expected to, at a later time, be presented as claims.
- b) Unknown loss events that are expected to become claims, and
- c) Expected future development on claims already reported.

#### Summary of Risk Management Program

A summary of the Fund's Risk Management Program is provided in Schedule E, which is included in the Supplementary Information section of this report.

#### Rounding

Some schedules in the financial statements may have dollar differences due to rounding adjustments.

#### **B. CASH AND CASH EQUIVALENTS**

Cash and cash equivalents includes amounts on deposit, money market accounts, and short-term investments with original maturities of 90 days or less.

Deposits were with contracted depository banks in interest-bearing accounts that were insured under the New Jersey Governmental Unit Deposit Protection Act ("GUDPA"). All such deposits are held in the Fund's name.

GUDPA permits the deposit of public funds in the State of New Jersey Cash Management Fund or in institutions located in New Jersey that are insured by the Federal Deposit Insurance Corporation ("FDIC") or by any other agencies of the United States that insure deposits. GUDPA requires public depositories to maintain collateral for deposits of public funds that exceed insurance limits as follows:

Each depository participating in the GUDPA system must pledge collateral equal to at least 5% of the average amount of its public deposits and 100% of the average amount of its public funds in excess of the lesser of 75% of its capital funds or \$200 million. The minimum 5% pledge applies to institutions that are categorized as "well capitalized" by federal banking standards. The percentage of the required pledge will increase for institutions that are less than "well capitalized."

No collateral is required for amounts covered by FDIC or National Credit Union Share Insurance Fund ("NCUSIF") insurance. The collateral which may be pledged to support these deposits includes obligations of state and federal governments, insured securities and other collateral approved by the DOBI. When the capital position of the depository deteriorates or the depository takes an unusually large amount of public deposits, the DOBI requires additional collateral to be pledged.

If a governmental depository fails and the FDIC or NCUSIF insurance does not insure or pay out the full amount of public deposits, the collateral pledged to protect these funds would first be liquidated and paid out. If this amount is insufficient, other institutions holding public funds would be assessed pro rata up to 4% of their uninsured public funds. Although these protections do not constitute a 100% guarantee of the safety of all funds, no governmental unit under GUDPA has ever lost protected deposits.

As of December 31, 2017 and 2016, the carrying value of the Fund's cash and cash equivalents were \$258,049 and \$202,942, respectively. As of December 31, 2017 and 2016, the Fund bank balances were \$393,675 and \$281,683, respectively, and were exposed to risk as follows:

	 2017		2016
		_	
Insured and Collateralized	\$ 259,583	\$	253,951
Uninsured and Collateralized	 134,092		27,732
Total	\$ 393,675	\$	281,683

### B. CASH AND CASH EQUIVALENTS (CONTINUED)

## **Deposits**

Custodial credit risk is the risk that in the event of a bank failure, the local unit's deposits may not be returned to it. As of December 31, 2017 and 2016, with respect to the Fund's bank balances, \$259,583 and \$253,951 respectively, were covered by federal depository insurance and \$134,092 and \$27,732, respectively, were covered by the collateral pool maintained by the banks as required by New Jersey statutes. The Garden State Municipal Joint Insurance Fund adheres to the requirements of the GUDPA statute.

Concentration of Credit Risk – This is the risk associated with the amount of investments the Fund has with any one issuer that exceeds five percent or more of its total investments. Investments issued or explicitly guaranteed by the U.S. government and the New Jersey Cash Management Fund are excluded from this requirement. None of the investments held by the Fund are exposed to concentration of credit risk.

Credit Risk – This is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. In general, the Fund does not have an investment policy regarding credit risk, however, the Fund had no investments that were subject to credit risks as of December 31, 2017 and 2016.

Interest Rate Risk – This is the risk that changes in interest rates will adversely affect the fair value of an investment. The Fund does not have a formal policy that limits investment maturities as a means of managing its exposure to fair value losses arising from interest rate fluctuations. However, its practice is to hold investments to maturity.

## **C. INVESTMENTS**

New Jersey statutes and the cash management plan of the Fund's Board of Commissioners permit the Fund to purchase the following types of investments:

- Bonds or other obligations of the United States of America or obligations guaranteed by the United States of America.
- b. Any federal agency or instrumentality obligation authorized by Congress that matures within 397 days from the dates of purchase, and has a fixed rate of interest not dependent on any index or external factors.
- c. Bonds or other obligations of the local unit or bonds or other obligations of school districts of which the local unit is a part or within which the school district is located; or bonds or other obligations, having a maturity date not exceeding 397 days, approved by the Division of Investment of the Department of Treasury for investment by local units.
- d. Government money market mutual funds.
- e. Repurchase agreements of fully collateralized securities, subject to rules and conditions established by the DCA.
- f. Local government investment pools.
- g. Deposits with the State of New Jersey Cash Management Fund.

#### NOTES TO FINANCIAL STATEMENTS

#### C. INVESTMENTS (CONTINUED)

Investments are recorded at market value based on quoted market prices.

Investments at year-end are categorized to give an indication of the level of risk assumed by the Fund. The categories are described as follows:

Category A – Insured, registered or securities held by the Fund or its agent in the Fund's name.

Category B – Uninsured and unregistered with securities held by the counterparty's trust department or agent in the Fund's name.

Category C – Uninsured and unregistered with securities held by the counterparty, or its trust department or agent but not in the Fund's name.

The Fund's Level 1 investments at December 31, 2017 and 2016, are categorized as follows:

		Market Value					
	Risk Category		2017		2016		
Cash Management Funds (Included	in						
Cash and Cash Equivalents)	Α	\$	117,740	\$	158,979		
U.S Treasury Securities	Α		4,192,594		3,721,377		
		\$	4,310,334	\$	3,880,356		

Based upon existing investment policies, the Fund is generally not exposed to interest rate risk as, depending upon market conditions, investments can be held to maturity. Also, investments held are limited to U.S. Treasury or U.S. Government Agency securities, thereby mitigating credit risk and concentration of credit risk nor are the Fund's deposits and investments exposed to foreign currency risks.

During the year 2017 and 2016, the Fund had unrealized investment gains in the amount of \$4,120 and \$9,092 and unrealized losses of \$15,591 and \$4,357, respectively.

#### D. PERMANENT FUND TRANSFERS

Permanent inter-trust fund transfers are made upon the approval of the Commissioners, following prior written notification to the Commissioners of DOBI and the DCA.

Inter-year fund transfers require prior approval of the DCA and DOBI. The fund may seek approval from the Commissioners to make inter-year fund transfers at any time from a claims or loss retention trust account from any year which has been completed for at least 24 months. The inter-year fund transfer may be in any amount subject to the limitation that after the transfer, the remaining net current surplus must equal or exceed the surplus retention requirement calculated according to regulation.

### D. PERMANENT FUND TRANSFERS (CONTINUED)

The membership for each fiscal year involving inter-year fund transfers must be identical between fiscal years. This requirement may be waived by the Commissioners provided the fund demonstrates it maintains records of each member's pro rata share of each claim or loss retention account, and that the transfer may be made so that any potential dividend shall not be reduced for a member that did not participate in the year receiving the transfer.

All fund transfers are recognized at the time actual transfers take place. There were no such transfers during 2017 or 2016.

#### **E. RETURN OF SURPLUS**

Refunds are recognized upon authorization of the Commissioners. Any reserves for a Fund year in excess of the amount necessary to fund all obligations for that fiscal year as certified by the Fund's actuary may be declared to be refundable by the Fund, subject to the effective time periods set forth by regulation. The initial and any subsequent refund for any year from a Claim or Loss Retention Account is subject to the limitation that after the refund, the remaining net current surplus must equal or exceed the surplus retention requirement calculated according to regulation. A full and final refund is not allowed until all case reserves and IBNR reserves are closed.

## F. MINIMUM SURPLUS (NET POSITION) REQUIREMENT

The State of New Jersey has no statutory minimum surplus requirement.

## G. DEFICIT (NET POSITION)

The Fund will liquidate any deficit in a net position year by transferring from another net position year or by assessing members for additional contributions, in accordance with applicable New Jersey statutes and regulations.

At December 31, 2017, the following fund years' unrestricted net position were in a deficit position:

Fund Year	 2017	2016			
2014	\$ (717,239)	\$	(877,012)		
2015	(1,023,716)		(1,023,660)		

Management will continue to monitor each Fund year to minimize further losses and increased deficits and will confer with the DOBI.

#### H. LOSS RESERVES

The liability for unpaid losses and loss adjustment expenses represents an estimate of the ultimate net cost of all losses and loss adjustment expenses incurred but not yet paid as of December 31, 2017 and 2016. This estimate is based on the estimated ultimate cost of settling the claims considering the historical experience of the Fund, various other industry statistics, including effects of inflation and other societal or economic factors, and the Fund's self-insured retention level. The estimate of outstanding losses was recorded by the Fund as of December 31, 2017 and 2016, based on an actuarial determined range of estimates.

## H. LOSS RESERVES (CONTINUED)

Actuarial Standard of Practice No. 36 states, "the actuary may determine a range of reasonable estimates that reflects the uncertainties associated with analyzing the reserves due to which the management believes that the liability for unpaid losses is adequate to cover the ultimate cost of reported and unreported claims incurred but not yet paid. However, the ultimate cost may be more or less than the estimated liability." The unpaid losses are stated net of any recoveries from excess-loss insurance. The Fund has created a loss reserve for any reported and potential unreported losses which have taken place but in which the Fund has not received notices or reports of losses. Amounts shown as negative loss reserves, if any, represent payments to claims servicing agent in excess of claims paid and case reserves on the Fund's loss runs. These amounts, if any, are shown on the statement of net position as accounts receivable.

The Fund also purchases excess insurance policies, which provides coverage to the Fund for claims in excess of \$500,000 for workers' compensation claims, \$250,000 for liability claims, \$250,000 for employment practices and public official's liability, \$50,000 for auto physical damage, and \$50,000 for property claims.

The Fund established an all lines of business stop loss aggregate for the years 2017 and 2016.

A contingent liability exists with respect to insurance coverage, which would become an actual liability in the event the insuring company might be unable to meet its obligations to the Fund under existing insurance agreements.

The following table sets forth the case reserves for reported claims and reserves for claims related to IBNR established for each respective fund year at December 31, 2017, which have been estimated by the Fund's actuary.

		Property Fund	General bility Fund	 tomotive oility Fund	Vorkers' npensation Fund	 Agg Stop	Corr	idor Losses	Total
2014 Fund Year: Case Reserves Losses Incurred But No	\$ t	-	\$ 917,212	\$ 18,635	\$ 71,779	\$ -	\$	-	\$ 1,007,626
Reported (IBNR)	`_		 54,097	3,536	 52,902	 			 110,535
	\$		\$ 971,309	\$ 22,171	\$ 124,681	\$ 	\$		\$ 1,118,161
2015 Fund Year: Case Reserves Losses Incurred But No	\$	1,000	\$ 499,666	\$ 18,668	\$ 473,062	\$ -	\$	-	\$ 992,396
Reported (IBNR)	`_	493	 91,551		108,247	 (263,944)		_	(63,653)
	\$	1,493	\$ 591,217	\$ 18,668	\$ 581,309	\$ (263,944)	\$		\$ 928,743
2016 Fund Year: Case Reserves Losses Incurred But No	\$ t	15,100	\$ 114,330	\$ -	\$ 510,608	\$ -	\$	-	\$ 640,038
Reported (IBNR)	_	1,611	 328,470	 	 71,868	 		176,719	 578,668
	\$	16,711	\$ 442,800	\$ 	\$ 582,476	\$ 	\$	176,719	\$ 1,218,706
2017 Fund Year: Case Reserves Losses Incurred But No		101,436	\$ 201,360	\$ -	\$ 293,545	\$ -	\$	-	\$ 596,341
Reported (IBNR)	_	86,037	664,019	8,781	410,585	 			1,169,422
	\$	187,473	\$ 865,379	\$ 8,781	\$ 704,130	\$ 	\$		\$ 1,765,763

#### NOTES TO FINANCIAL STATEMENTS

## H. LOSS RESERVES (CONTINUED)

The following table sets forth the case reserves for reported claims and reserves for claims related to IBNR established for each respective fund year at December 31, 2016, which have been estimated by the Fund's actuary.

		operty Fund		General ability Fund	tomotive ility Fund	Vorkers' npensation Fund	Agg	Stop	Corrido	r Losses	T	otal
2014 Fund Year: Case Reserves Losses Incurred But No	\$ t	-	\$	1,032,523	\$ 29,454	\$ 35,716	\$	-	\$	-	\$ 1,0	097,693
Reported (IBNR)				417,434	 12,251	 31,759						161,444
	\$		\$	1,449,957	\$ 41,705	\$ 67,475	\$		\$		\$ 1,5	559,137
2015 Fund Year: Case Reserves Losses Incurred But No	\$ t	29,819	\$	522,505	\$ 13,000	\$ 681,242	\$	-	\$	-	\$ 1,2	246,566
Reported (IBNR)		40,848		446,154	 833	62,167					į	550,002
	\$	70,667	\$	968,659	\$ 13,833	\$ 743,409	\$	<u> </u>	\$		\$ 1,7	796,568
2016 Fund Year: Case Reserves Losses Incurred But No		127,600	\$	60,000	\$ 6,329	\$ 80,805	\$	-	\$	-	\$ 2	274,734
Reported (IBNR)		117,026	_	1,278,182	 2,386	 178,101					1,5	575,695
	\$ 2	244,626	\$	1,338,182	\$ 8,715	\$ 258,906	\$		\$		\$ 1,8	350,429

#### I. RELATED PARTIES

The Fund pays underwriting fees, risk management fees and claims handling fees to an affiliated company of the Fund's administrator. For the year ended December 31, 2017 and 2016, the Fund paid \$1,189,120 and \$1,093,069, respectively, to the Fund's administrator as per the management agreement.

#### J. CHANGES IN UNPAID CLAIMS AND LIABILITIES

As discussed in Note A, the Fund establishes a liability for both reported and unreported insured events, which includes estimates of future payments of losses and unrelated allocated claim adjustment expenses.

The following represents changes in those aggregate undiscounted reported case reserves for the Fund during 2017 and 2016, and for all open Fund years, net of excess insurance recoveries.

## NOTES TO FINANCIAL STATEMENTS

# J. CHANGES IN UNPAID CLAIMS AND LIABILITIES (CONTINUED)

	2017		2016
Total Unpaid Claims and Claim Adjustment Expenses – All Fund Years – Beginning of Year	\$	2,618,993	\$ 1,819,568
Incurred Claims and Claims Adjustment Expenses: Provision for Insured Events – Current Year		1,200,295	557,645
Changes in Provision for Insured Events – Prior Years		1,531,156	1,837,923
Total Incurred Claims and Claim Adjustment Expenses - All Fund Years - Subtotal		2,731,451	2,395,568
Subtotal		5,350,444	4,215,136
Payments: Claims and Claim Adjustment Expenses		(2,114,044)	(1,596,143)
Total Unpaid Claims and Claim Adjustment Expenses – All Fund Years – End of Year	\$	3,236,400	\$ 2,618,993

## **K. PENDING LITIGATION**

The Fund has not been named in any lawsuits. In addition, there are no matters of pending or threatened litigation involving the Fund.



# TEN YEAR CLAIMS DEVELOPMENT INFORMATION

Exhibit A

		FUND	YEAR	
	2014	<u>2015</u>	<u>2016</u>	<u>2017</u>
Underwriting Income-Required Contribution Investment Income	\$ 4,012,909 484	\$ 5,864,126 (698)	\$ 6,347,965 27,540	\$ 6,933,139 24,411
	4,013,393	5,863,428	6,375,505	6,957,550
Excess Insurance Premiums	1,538,932	2,424,689	2,618,761	2,797,380
Administrative Expenses	1,005,562	1,469,005	1,536,294	1,686,818
	2,544,494	3,893,694	4,155,055	4,484,198
Estimated Incurred Claims-End of Policy				
Year	829,676	1,092,259	557,645	1,200,295
Cumulative Paid Claims:				
End of Policy Year	120,933	453,920	282,911	603,954
One Year Later	279,794	1,203,432	641,493	-
Two Years Later	792,022	2,071,257	, -	-
Three Years Later	1,075,705	-	-	-
Four Years Later	-	-	-	_
Five Years Later	-	-	-	-
Six Years Later	-	-	-	-
Seven Years Later	-	-	-	-
Eight Years Later	-	-	-	-
Nine Years Later	-	-	-	-
Cumulative Incurred Claims:				
End of Policy Year	829,676	1,092,259	557,645	1,200,295
One Year Later	1,461,023	2,449,998	1,281,531	-
Two Years Later	1,889,715	3,063,653	-	-
Three Years Later	2,083,331	-	-	-
Four Years Later	-	-	-	-
Five Years Later	-	-	-	-
Six Years Later	-	-	-	-
Seven Years Later	-	-	-	-
Eight Years Later	-	-	-	-
Nine Years Later	-	-	-	-
ncrease in Cumulative Incurred				
Claims from End of Policy Year	\$ (1,253,655)	\$ (1,971,394)	\$ (723,886)	\$ -



# OPERATING RESULTS ANALYSIS – ALL YEARS COMBINED Year Ended December 31, 2017

	COVERAGES AND OTHER ACCOUNTS											
	GENERAL LIABILITY		AUTOMOTIVE	WORKERS' COMPENSATION	CORRIDOR LOSSES	AGGREGATE STOP	EXCESS INSURANCE POLICIES	GENERAL AND ADMINISTRATIVE	TOTALS			
Underwriting Income:     Regular Contributions	\$ 832,598	\$ 2,869,597	\$ 661,075	\$ 3,645,684	\$ -	\$	\$ 9,285,212	\$ 5,863,975	\$ 23,158,141			
Incurred Liabilities     Claims (Net)     Expenses	1,965,626	4,812,587 	177,253	3,587,189	176,719 	(263,944)	9,379,762	5,697,678	10,455,430 15,077,440			
Total Liabilities	1,965,626	4,812,587	177,253	3,587,189	176,719	(263,944)	9,379,762	5,697,678	25,532,870			
3. Underwriting Surplus/(Deficit)	(1,133,028)	(1,942,990)	483,822	58,495	(176,719)	263,944	(94,550)	166,297	(2,374,728)			
Adjustments:     Investment Activity (Realized/Unrealized Recoveries	) - <u>455,296</u>	- 564,607		11,745	<u>-</u>			51,738 	51,738 1,031,648			
Total Adjustments	455,296	564,607		11,745				51,738	1,083,386			
5. Gross Operating Surplus/(Deficit)	(677,732)	(1,378,383)	483,822	70,240	(176,719)	263,944	(94,550)	218,035	(1,291,343)			
6. Return of Surplus												
7. Net Current Position/(Deficit)	\$ (677,732)	\$ (1,378,383)	\$ 483,822	\$ 70,240	\$ (176,719)	\$ 263,944	\$ (94,550)	\$ 218,035	\$ (1,291,343)			

# 2017 FUND YEAR OPERATING RESULTS ANALYSIS Year Ended December 31, 2017

		COVERAGES AND OTHER ACCOUNTS												
	PR	PROPERTY		ENERAL IABILITY	AUTOMOTIVE			ORKERS' PENSATION	INS	XCESS SURANCE OLICIES		IERAL AND NISTRATIVE		TOTALS
Underwriting Income:     Regular Contributions	\$	294,925	\$	1,011,479	\$	199,017	\$	947,424	\$	2,741,212	\$	1,739,083	\$	6,933,140
Incurred Liabilities     Claims (Net)     Expenses		775,492 -		870,969 -		13,634 -		866,353		- 2,797,380		1,686,818		2,526,448 4,484,198
Total Liabilities		775,492		870,969		13,634		866,353		2,797,380		1,686,818		7,010,646
3. Underwriting Surplus/(Deficit)		(480,567)		140,510		185,383		81,071		(56,168)		52,265		(77,506)
Adjustments:     Investment Activity (Realized/Unrealized)     Recoveries		- 152,491		- 4,240		- -		- -		- -		11,886		11,886 156,731
Total Adjustments		152,491		4,240								11,886		168,617
5. Gross Operating Surplus/(Deficit)		(328,076)		144,750		185,383		81,071		(56,168)		64,151		91,111
6. Return of Surplus														
7. Net Current Position/(Deficit)	\$	(328,076)	\$	144,750	\$	185,383	\$	81,071	\$	(56,168)	\$	64,151	\$	91,111
Current Year Claims (Net) Prior Year Claims (Net)	\$	775,492 -	\$	870,969 -	\$	13,634	\$	866,353	\$	<u>-</u>	\$	<u>-</u>	\$	2,526,448
Net Change in Claims Liabilities	\$	775,492	\$	870,969	\$	13,634	\$	866,353	\$		\$		\$	2,526,448

# 2016 FUND YEAR OPERATING RESULTS ANALYSIS Year Ended December 31, 2017

	COVERAGES AND OTHER ACCOUNTS											
	PROPERTY	GENERAL LIABILITY	AUTOMOTIVE	WORKERS' COMPENSATION	CORRIDOR LOSSES	EXCESS INSURANCE POLICIES	GENERAL AND ADMINISTRATIVE	TOTALS				
Underwriting Income:     Regular Contributions	\$ 256,782	\$ 779,037	\$ 156,874	\$ 976,075	\$ -	\$ 2,588,499	\$ 1,590,699	\$ 6,347,966				
Incurred Liabilities     Claims (Net)     Expenses	647,805	523,601 	3,238 	811,641 	176,719 	- 2,618,761	1,536,294	2,163,004 4,155,055				
Total Liabilities	647,805	523,601	3,238	811,641	176,719	2,618,761	1,536,294	6,318,059				
3. Underwriting Surplus/(Deficit)	(391,023)	255,436	153,636	164,434	(176,719)	(30,262)	54,405	29,907				
Adjustments:     Investment Activity (Realized/Unrealized)     Recoveries	- 302,805	<u>-</u>	<u>-</u>	- -	<u>-</u>	<u>-</u>	25,788 	25,788 302,805				
Total Adjustments	302,805	<u>-</u>	. <u>-</u>				25,788	328,593				
5. Gross Operating Surplus/(Deficit)	(88,218)	255,436	153,636	164,434	(176,719)	(30,262)	80,193	358,500				
6. Return of Surplus												
7. Net Current Position/(Deficit)	\$ (88,218)	\$ 255,436	\$ 153,636	\$ 164,434	\$ (176,719)	\$ (30,262)	\$ 80,193	\$ 358,500				
Current Year Claims (Net) Prior Year Claims (Net)	\$ 647,805 407,896	\$ 523,601 1,339,043	\$ 3,238 11,601	\$ 811,641 374,800	\$ 176,719 -	\$ - -	\$ - -	\$ 2,163,004 2,133,340				
Net Change in Claims Liabilities	\$ 239,909	\$ (815,442)	\$ (8,363)	\$ 436,841	\$ 176,719	\$ -	\$ -	\$ 29,664				

# 2015 FUND YEAR OPERATING RESULTS ANALYSIS Year Ended December 31, 2017

	COVERAGES AND OTHER ACCOUNTS													
	PR	GENERAL LIABILITY A		AUT	AUTOMOTIVE		ORKERS'		GREGATE STOP	INS	XCESS URANCE DLICIES	RAL AND ISTRATIVE	TOTALS	
Underwriting Income:     Regular Contributions	\$	206,733	\$	651,492	_\$	116,103	\$	1,009,664	_\$		\$ 2	2,398,231	 1,481,903	\$ 5,864,126
Incurred Liabilities     Claims (Net)     Expenses		381,000		1,533,041 -		57,270 -		1,749,902 -		(263,944)	2	- 2,424,689	- 1,469,005	3,457,269 3,893,693
Total Liabilities		381,000		1,533,041		57,270		1,749,902		(263,944)	2	2,424,689	 1,469,005	7,350,962
3. Underwriting Surplus/(Deficit)		(174,267)		(881,549)		58,833		(740,238)		263,944		(26,458)	12,898	(1,486,836)
Adjustments:     Investment Activity (Realized/Unrealized)     Recoveries		- -		- 445,524		- -		- 11,745		- -		- -	5,851 -	5,851 457,269
Total Adjustments				445,524				11,745					5,851	463,120
5. Gross Operating Surplus/(Deficit)		(174,267)		(436,025)		58,833		(728,493)		263,944		(26,458)	 18,749	(1,023,716)
6. Return of Surplus													 	
7. Net Current Position/(Deficit)	\$	(174,267)	\$	(436,025)	\$	58,833	\$	(728,493)	\$	263,944	\$	(26,458)	\$ 18,749	\$ (1,023,716)
Current Year Claims (Net) Prior Year Claims (Net)	\$	381,000 427,572		1,533,041 1,157,480	\$	57,270 20,820	\$	1,738,157 1,471,690	\$	(263,944)	\$	- -	\$ <u>-</u>	\$ 3,445,524 3,077,562
Net Change in Claims Liabilities	\$	(46,572)	\$	375,561	\$	36,450	\$	266,467	\$	(263,944)	\$		\$ 	\$ 367,962

# 2014 FUND YEAR OPERATING RESULTS ANALYSIS Year Ended December 31, 2017

	COVERAGES AND OTHER ACCOUNTS												
	PRO	DPERTY_	GENERAL LIABILITY	AU	TOMOTIVE		ORKERS' PENSATION	INS	XCESS URANCE DLICIES		NERAL AND INISTRATIVE		TOTALS
Underwriting Income:     Regular Contributions	\$	74,158	\$ 427,589	\$	189,081	\$	712,521	\$	1,557,270	\$	1,052,290	\$	4,012,909
Incurred Liabilities     Claims (Net)     Expenses		161,329 -	1,884,976 		103,111 -		159,293 -		- 1,538,932_		- 1,005,562		2,308,709 2,544,494
Total Liabilities		161,329	1,884,976		103,111		159,293		1,538,932		1,005,562		4,853,203
3. Underwriting Surplus/(Deficit)		(87,171)	(1,457,387)		85,970		553,228		18,338		46,728		(840,294)
Adjustments:     Investment Activity (Realized/Unrealized)     Recoveries		- -	- 114,843		- -		<u>-</u>		- -		8,212 		8,212 114,843
Total Adjustments			114,843								8,212		123,055
5. Gross Operating Surplus/(Deficit)		(87,171)	(1,342,544)		85,970		553,228		18,338		54,940		(717,239)
6. Return of Surplus													
7. Net Current Position/(Deficit)	\$	(87,171)	\$ (1,342,544)	\$	85,970	\$	553,228	\$	18,338	\$	54,940	\$	(717,239)
Current Year Claims (Net) Prior Year Claims (Net)	\$	161,329 148,351	\$ 1,884,976 2,136,268	\$	103,111 84,163	\$	159,293 97,220	\$		\$	<u>-</u>	\$	2,308,709 2,466,002
Net Change in Claims Liabilities	\$	12,978	\$ (251,292)	\$	18,948	\$	62,073	\$		\$		\$	(157,293)

# FUND YEAR CLAIMS ANALYSIS – ALL YEARS COMBINED Year Ended December 31, 2017

Schedule B

	PROPERTY	GENERAL LIABILITY	AUTOMOTIVE	WORKERS' COMPENSATION	CORRIDOR LOSSES	AGG STOP	TOTALS
Claims Incurred Case Reserves IBNR Reserves	\$ 1,759,949 117,536 88,141	\$ 1,941,882 1,732,568 1,138,137	\$ 127,633 37,303 12,317	\$ 1,594,593 1,348,994 643,602	\$ - - 176,719	\$ - (263,944)	\$ 5,424,057 3,236,401 1,794,972
Subtotal	1,965,626	4,812,587	177,253	3,587,189	176,719	(263,944)	10,455,430
Less: Recoveries	455,296	564,607		11,745			1,031,648
Subtotal	455,296	564,607		11,745			1,031,648
Claims Expense (Net)	\$ 1,510,330	\$ 4,247,980	\$ 177,253	\$ 3,575,444	\$ 176,719	\$ (263,944)	\$ 9,423,782

# 2017 FUND YEAR CLAIMS ANALYSIS Year Ended December 31, 2017

	PRC	PROPERTY		GENERAL LIABILITY		OMOTIVE_	WORKERS' COMPENSATION			TOTALS		
Claims Incurred Case Reserves IBNR Reserves	\$	588,019 101,436 86,037	\$	5,590 201,360 664,019	\$	4,853 - 8,781	\$	162,223 293,545 410,585	\$	760,685 596,341 1,169,422		
Subtotal		775,492		870,969		13,634		866,353		2,526,448		
Less: Recoveries		152,491		4,240				<u>-</u>		156,731		
Subtotal		152,491		4,240						156,731		
Claims Expense (Net)	\$	623,001	\$	866,729	\$	13,634	\$	866,353	\$	2,369,717		

2016 FUND YEAR CLAIMS ANALYSIS Year Ended December 31, 2017

	PROPERTY	GENERAL LIABILITY	AUTOMOTIVE	WORKERS' COMPENSATION	CORRIDOR LOSSES	TOTALS
Claims Incurred Case Reserves IBNR Reserves	\$ 631,094 15,100 1,611	114,330	\$ 3,238 - -	\$ 229,165 510,608 71,868	\$ - 176,719	\$ 944,298 640,038 578,668
Subtotal	647,805	523,601	3,238	811,641	176,719	2,163,004
Less: Recoveries	302,805	<u> </u>				302,805
Subtotal	302,805	<u> </u>				302,805
Claims Expense (Net)	\$ 345,000	523,601	\$ 3,238	\$ 811,641	\$ 176,719	\$ 1,860,199

# 2015 FUND YEAR CLAIMS ANALYSIS Year Ended December 31, 2017

	PROPERTY	GENERAL LIABILITY	AUTOMOTIVE	WORKERS' COMPENSATION	AGGREGATE STOP	TOTALS	
Claims Incurred Case Reserves IBNR Reserves	\$ 379,507 1,000 493	499,666	\$ 38,602 18,668 	\$ 1,168,593 473,062 108,247	\$ - (263,944)	\$ 2,528,526 992,396 (63,653)	
Subtotal	381,000	1,533,041	57,270	1,749,902	(263,944)	3,457,269	
Less: Recoveries		445,524		11,745		457,269	
Subtotal		445,524		11,745		457,269	
Claims Expense (Net)	\$ 381,000	\$ 1,087,517	\$ 57,270	\$ 1,738,157	\$ (263,944)	\$ 3,000,000	

2014 FUND YEAR CLAIMS ANALYSIS Year Ended December 31, 2017

	PF	_		ENERAL IABILITY	AUTOMOTIVE		WORKERS' COMPENSATION		TOTALS	
Claims Incurred Case Reserves IBNR Reserves	\$	161,329 - -	\$	913,667 917,212 54,097	\$	80,940 18,635 3,536	\$	34,612 71,779 52,902	\$	1,190,548 1,007,626 110,535
Subtotal		161,329		1,884,976		103,111		159,293		2,308,709
Less: Recoveries				114,843						114,843
Subtotal				114,843						114,843
Claims Expense (Net)	\$	161,329	\$	1,770,133	\$	103,111	\$	159,293	\$	2,193,866

# 2017 FUND YEAR EXPENSE ANALYSIS – REPORT YEAR 2017 Year Ended December 31, 2017

Excess Insurance:	
Excess Insurance Premiums	\$ 2,797,380
Subtotal Excess Insurance	2,797,380
Administrative Expenses:	
Legal	10,524
Treasurer	6,000
Other:	
Auditor	17,000
Administrative Consultant	375,812
Safety Director	31,386
Underwriting Manager	130,601
Non-Contract Professional Services	26,975
Claims Administration	414,054
Actuary	30,000
Risk Management	644,465
Subtotal Administrative Expenses	1,686,818
Total Expenses	\$ 4,484,198

# 2016 FUND YEAR EXPENSE ANALYSIS – REPORT YEAR 2016 Year Ended December 31, 2017

Excess Insurance	
Excess Insurance Premiums	\$ 2,618,761
Subtotal Excess Insurance	2,618,761
Administrative Expenses	
Legal	5,301
Treasurer	5,000
Other:	
Auditor	17,442
Administrative Consultant	343,797
Safety Director	18,991
Underwriting Manager	119,475
Non-Contract Professional Services	29,694
Claims Administration	342,813
Actuary	23,000
Risk Management	630,781
Subtotal Administrative Expenses	1,536,294
Total Expenses	\$ 4,155,055

# 2015 FUND YEAR EXPENSE ANALYSIS – REPORT YEAR 2015 Year Ended December 31, 2017

Excess Insurance	
Excess Insurance Premiums	\$ 2,424,689
Subtotal Excess Insurance	2,424,689
Administrative Expenses	
Legal	5,394
Treasurer	5,000
Other:	
Auditor	17,442
Administrative Consultant	321,490
Safety Director	148,415
Underwriting Manager	111,723
Non-Contract Professional Services	27,998
Claims Administration	367,524
Actuary	25,750
Risk Management	438,271_
Subtotal Administrative Expenses	1,469,005
Total Expenses	\$ 3,893,694

# 2014 FUND YEAR EXPENSE ANALYSIS – REPORT YEAR 2014 Year Ended December 31, 2017

Excess Insurance	
Excess Insurance Premiums	\$ 1,538,932
Subtotal Excess Insurance	1,538,932
Administrative Expenses	
Legal	10,277
Treasurer	5,000
Other:	
Auditor	16,000
Administrative Consultant	224,484
Safety Director	13,484
Underwriting Manager	78,430
Non-Contract Professional Services	11,136
Claims Administration	324,395
Actuary	34,000
Risk Management	288,356_
Subtotal Administrative Expenses	1,005,562
Total Expenses	\$ 2,544,494

# CUMULATIVE OPERATING RESULTS ANALYSIS Year Ended December 31, 2017

Schedule D

Underwriting Income: Regular Contributions	\$ 23,158,141
Expenses: Claims: Paid Case Reserves IBNR Reserves	4,392,409 3,236,401 1,794,972
Claims - Net	9,423,782
Excess Insurance Premiums Administrative	9,379,762 5,697,678
Total Expenses	15,077,440
Operating Loss	(1,343,080)
Investment Income Realized/Unrealized Gain	51,738
Total Non-Operating Income	51,738
Net Loss	\$ (1,291,342)
Cumulative Net Position - December 31, 2017	\$ (1,291,342)

PROGRAM SUMMARY – FUND YEAR 2017 Year Ended December 31, 2017

Schedule E

								Workers'	ı	Employment	
		Property	operty Liability			Automobile		Compensation		Practices Liability	
Limits	\$	350,000,000	\$	15,000,000	\$	15,000,000		Statutory	\$	10,000,000	
<u> </u>			pe	r occurrence	ре	er occurrence					
U.S. Treasury Securities											
Fund Retention											
Specific Aggregate:											
Property	\$	50,000	\$	250,000	\$	250,000	\$	500,000	\$	250,000	
Auto Property	\$	50,000									
All Lines of Business											
Stop Loss Aggregate	\$	2,897,000									
Number of Participants		8		8		8		8		7	
Excess Coverage		Insurer						Retention		Limit	
Property	The	e Travelers Insu	ıranı	ce Co	•		a	s noted above		\$350,000,000	
Auto Phys. Damage		e Travelers Insi						s noted above		\$5,000,000	
Casualty		t Global Specia								+-,,	
- General Liability		<b></b>	-, -				а	s noted above		\$10,000,000	
- Auto Liability										\$10,000,000	
- Public Officials Liab										\$10,000,000	
- Employment Prac.										\$10,000,000	
- Law Enforce. Liab.										\$10,000,000	
- Employee Ben. Liab										\$10,000,000	
- Workers' Comp										\$1,000,000	
- Employers Liab										\$1,000,000	
Equipment Breakdown	Tra	velers Property	/ Cas	sualty Co.				\$25,000		\$100,000,000	
		. ,		·							
Crime & Bonds	Fid	elity & Deposit	Co.	of Maryland				\$10,000		\$1,000,000	
Excess Liability		tlin Specialty In						\$10,000,000		\$5,000,000	
XS Work Comp &		fety National Ca			1			\$1,500,000		Statutory /	
Employers Liab		,		, ,				. , ,		\$2,000,000	
Cyber Liability	Bea	azley Insurance	e Cor	mpany				\$25,000		\$1,000,000	
Non-Owned Aircraft Liability	/ Glo	bal Aerospace		-				\$0		\$5,000,000	
Site Pollution Liability	AC	E American Ins	surar	nce Co.				\$25,000		\$2,000,000	
Hull & Machinery	Atla	antic Specialty	Insu	rance Co.				р	er s	chedule on file	



# INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

To the Honorable Chairperson and Board of Fund Commissioners of the Public Entity Joint Insurance Fund Woodbridge, New Jersey 07095

We have audited, in accordance with auditing standards generally accepted in the United States of America, the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States and the audit requirements as prescribed by the State of New Jersey, Department of Community Affairs ("DCA"), and Department of Banking and Insurance ("DOBI"), the financial statements of the Public Entity Joint Insurance Fund, Woodbridge, State of New Jersey (the "Fund"), as of and for the year ended December 31, 2017, and the related notes to financial statements, which collectively comprise the Fund's basic financial statements, and have issued our report thereon dated May 31, 2018. The opinion on the Fund's financial statements was qualified as permitted by the DCA and DOBI, as audit procedures were not extended to the underlying actuarial assumptions for Incurred But Not Reported (IBNR) reserve amounts, as these assumptions are prepared by the Fund's actuary.

#### Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Fund's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control. Accordingly, we do not express an opinion on the effectiveness of the Fund's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the Fund's financial statements will not be prevented, or detected and corrected, on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS (CONTINUED)

# **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the Fund's financial statements are free from material misstatements, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

#### **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Fund's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Fund's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Mercadien, P.C. Certified Public Accountants

May 31, 2018

SCHEDULE OF CURRENT YEAR FINDINGS AND RECOMMENDATIONS Year Ended December 31, 2017

None Reported.

SUMMARY SCHEDULE OF PRIOR YEAR AUDIT FINDINGS Year Ended December 31, 2017

None Reported.