

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ► Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2016 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2016 or fiscal plan year beginning <u>07/01/2016</u> and ending <u>06/30/2017</u>			
A This return/report is for:	☒ a multiemployer plan	☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)	
	☐ a single-employer plan	☐ a DFE (specify) ____	
B This return/report is:	☐ the first return/report	☐ the final return/report	
	☐ an amended return/report	☐ a short plan year return/report (less than 12 months)	
C If the plan is a collectively-bargained plan, check here.	☒		
D Check box if filing under:	☐ Form 5558	☒ automatic extension	☐ the DFVC program
	☐ special extension (enter description)		

Part II	Basic Plan Information —enter all requested information		
1a Name of plan	<u>PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND</u>		1b Three-digit plan number (PN) ►
			<div style="border: 1px solid black; padding: 2px; display: inline-block;">001</div>
			1c Effective date of plan
			<u>07/23/1968</u>
2a Plan sponsor's name (employer, if for a single-employer plan)	2b Employer Identification Number (EIN)		
Mailing address (include room, apt., suite no. and street, or P.O. Box)	<u>52-6152779</u>		
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)			
<u>B/O/T PLUMBERS & PIPEFITTERS NATIONAL PENSION FUND</u>	2c Plan Sponsor's telephone number		
	<u>703-739-9020</u>		
<u>103 ORONOCO STREET</u>	2d Business code (see instructions)		
<u>ALEXANDRIA, VA 22314-2015</u>	<u>525100</u>		
<u>103 ORONOCO STREET</u>			
<u>ALEXANDRIA, VA 22314</u>			

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	<u>02/07/2018</u>	<u>MARK MCMANUS</u>
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE
Preparer's name (including firm name, if applicable) and address (include room or suite number)			Preparer's telephone number

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number <div style="background-color: #cccccc; height: 40px; width: 100%;"></div>
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name	4b EIN 4c PN
5 Total number of participants at the beginning of the plan year	5 158408
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year..... a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 74629 6a(2) 76905 6b 41090 6c 36175 6d 154170 6e 6612 6f 160782 6g 6h 1825
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	7 5214
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1A b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	

9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☒ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ <u>2</u> A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2016 Form M-1 annual report. If the plan was not required to file the 2016 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <hr/> <small>Department of Labor Employee Benefits Security Administration</small> <hr/> <small>Pension Benefit Guaranty Corporation</small>	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500. ► Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 <hr/> 2016 <hr/> This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning 07/01/2016 and ending 06/30/2017

A Name of plan <u>PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>B/O/T PLUMBERS & PIPEFITTERS NATIONAL PENSION FUND</u>	D Employer Identification Number (EIN) <u>52-6152779</u>	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier
BRIGHTHOUSE LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
<u>43-1912740</u>	<u>87726</u>	<u>919453</u>		<u>07/01/2016</u>	<u>06/30/2017</u>

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid
<u>0</u>	<u>0</u>

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

NA

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

NA

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

NA

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end	4	
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	
6	Contracts With Allocated Funds:		
a	State the basis of premium rates ▶		
b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount	6d	
	Specify nature of costs ▶		
e	Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity (3) ☐ other (specify) ▶		
f	If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐		
7	Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)		
a	Type of contract: (1) ☐ deposit administration (2) ☒ immediate participation guarantee (3) ☐ guaranteed investment (4) ☐ other ▶		
b	Balance at the end of the previous year	7b	1741769
c	Additions: (1) Contributions deposited during the year	7c(1)	
	(2) Dividends and credits.....	7c(2)	
	(3) Interest credited during the year.....	7c(3)	60877
	(4) Transferred from separate account	7c(4)	
	(5) Other (specify below)	7c(5)	
	(6) Total additions	7c(6)	60877
d	Total of balance and additions (add lines 7b and 7c(6))	7d	1802646
e	Deductions:		
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	
	(2) Administration charge made by carrier.....	7e(2)	
	(3) Transferred to separate account	7e(3)	
	(4) Other (specify below)	7e(4)	
	(5) Total deductions	7e(5)	0
f	Balance at the end of the current year (subtract line 7e(5) from line 7d).....	7f	1802646

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount. Specify nature of costs.	10b	

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE A (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <hr/> <small>Department of Labor Employee Benefits Security Administration</small> <hr/> <small>Pension Benefit Guaranty Corporation</small>	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500. ► Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 <hr/> 2016 <hr/> This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning **07/01/2016** and ending **06/30/2017**

A Name of plan PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 B/O/T PLUMBERS & PIPEFITTERS NATIONAL PENSION FUND	D Employer Identification Number (EIN) 52-6152779	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier

UNION LABOR LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-1423090	69744	GA02009		07/01/2016	06/30/2017

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

ULLICO INVESTMENT COMPANY
8402 COLESVILLE ROAD
SILVER SPRING, MD 20910

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	100654085

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶**b** Premiums paid to carrier**6b****c** Premiums due but unpaid at the end of the year**6c****d** If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount**6d**

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
 (3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
 (3) ☐ guaranteed investment (4) ☐ other ▶

b Balance at the end of the previous year**7b****c** Additions: (1) Contributions deposited during the year**7c(1)**

(2) Dividends and credits.....

7c(2)

(3) Interest credited during the year.....

7c(3)

(4) Transferred from separate account

7c(4)

(5) Other (specify below)

7c(5)

▶

(6) Total additions

7c(6)

0

d Total of balance and additions (add lines **7b** and **7c(6)**)**7d****e** Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year

7e(1)

(2) Administration charge made by carrier.....

7e(2)

(3) Transferred to separate account

7e(3)

(4) Other (specify below)

7e(4)

▶

(5) Total deductions

7e(5)

0

f Balance at the end of the current year (subtract line **7e(5)** from line **7d**).....**7f**

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount. Specify nature of costs.	10b	

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE MB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning 07/01/2016 and ending 06/30/2017

► **Round off amounts to nearest dollar.**

► **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND</u>	B Three-digit plan number (PN) ► <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>B/O/T PLUMBERS & PIPEFITTERS NATIONAL PENSION FUND</u>	D Employer Identification Number (EIN) <u>52-6152779</u>

E Type of plan: (1) ☒ Multiemployer Defined Benefit (2) ☐ Money Purchase (see instructions)

1a Enter the valuation date: Month 07 Day 01 Year 2016

b Assets

(1) Current value of assets	1b(1)	<u>5339835784</u>
(2) Actuarial value of assets for funding standard account	1b(2)	<u>6057443691</u>
c (1) Accrued liability for plan using immediate gain methods	1c(1)	<u>7880909956</u>
(2) Information for plans using spread gain methods:		
(a) Unfunded liability for methods with bases	1c(2)(a)	
(b) Accrued liability under entry age normal method	1c(2)(b)	
(c) Normal cost under entry age normal method	1c(2)(c)	
(3) Accrued liability under unit credit cost method	1c(3)	<u>7880909956</u>
d Information on current liabilities of the plan:		
(1) Amount excluded from current liability attributable to pre-participation service (see instructions)	1d(1)	
(2) "RPA '94" information:		
(a) Current liability	1d(2)(a)	<u>14469959911</u>
(b) Expected increase in current liability due to benefits accruing during the plan year	1d(2)(b)	<u>326383280</u>
(c) Expected release from "RPA '94" current liability for the plan year	1d(2)(c)	<u>569978046</u>
(3) Expected plan disbursements for the plan year	1d(3)	<u>599187802</u>

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE	<u>03/21/2018</u>
Signature of actuary	Date
<u>KEVIN WOODRICH, FSA, EA</u>	<u>17-07086</u>
Type or print name of actuary	Most recent enrollment number
<u>CHEIRON, INC</u>	<u>703-893-1456</u>
Firm name	Telephone number (including area code)
<u>9115 HARRIS CORNERS PARKWAY, CHARLOTTE, NC 28269</u>	
Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule MB (Form 5500) 2016
v. 160205

2 Operational information as of beginning of this plan year:**a** Current value of assets (see instructions)**2a**

5339835784

b "RPA '94" current liability/participant count breakdown:**(1)** For retired participants and beneficiaries receiving payment.....**(1)** Number of participants

48348

(2) Current liability

6935030888

(2) For terminated vested participants.....

26837

1872837823

(3) For active participants:**(a)** Non-vested benefits

284584995

(b) Vested benefits

5377506205

(c) Total active

68370

5662091200

(4) Total.....

143555

14469959911

c If the percentage resulting from dividing line 2a by line 2b(4), column (2), is less than 70%, enter such percentage.....**2c**

36.90%

3 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
01/01/2017	397244555				
Totals ▶ 3(b)				397244555	3(c)

4 Information on plan status:**a** Funded percentage for monitoring plan's status (line 1b(2) divided by line 1c(3)).....**4a**

76.9%

b Enter code to indicate plan's status (see instructions for attachment of supporting evidence of plan's status). If code is "N," go to line 5**4b**

E

c Is the plan making the scheduled progress under any applicable funding improvement or rehabilitation plan?..... ☒ Yes ☐ No**d** If the plan is in critical status or critical and declining status, were any benefits reduced (see instructions)?..... ☐ Yes ☐ No**e** If line d is "Yes," enter the reduction in liability resulting from the reduction in benefits (see instructions), measured as of the valuation date**4e****f** If the rehabilitation plan projects emergence from critical status or critical and declining status, enter the plan year in which it is projected to emerge.
If the rehabilitation plan is based on forestalling possible insolvency, enter the plan year in which insolvency is expected and check here ☐**4f****5** Actuarial cost method used as the basis for this plan year's funding standard account computations (check all that apply):**a** ☐ Attained age normal**b** ☐ Entry age normal**c** ☒ Accrued benefit (unit credit)**d** ☐ Aggregate**e** ☐ Frozen initial liability**f** ☐ Individual level premium**g** ☐ Individual aggregate**h** ☐ Shortfall**i** ☐ Other (specify):**j** If box h is checked, enter period of use of shortfall method**5j****k** Has a change been made in funding method for this plan year?..... ☐ Yes ☒ No**l** If line k is "Yes," was the change made pursuant to Revenue Procedure 2000-40 or other automatic approval?..... ☐ Yes ☐ No**m** If line k is "Yes," and line l is "No," enter the date (MM-DD-YYYY) of the ruling letter (individual or class) approving the change in funding method.....**5m**

6 Checklist of certain actuarial assumptions:

a Interest rate for "RPA '94" current liability			6a	3.18%
b Rates specified in insurance or annuity contracts	☐ Yes ☐ No ☒ N/A		☐ Yes ☐ No ☒ N/A	
c Mortality table code for valuation purposes:				
(1) Males	6c(1)	11P+2	11P+2	
(2) Females	6c(2)	11FP+2	11FP+2	
d Valuation liability interest rate	6d	7.50%	7.50 %	
e Expense loading	6e	15.7%	☐ N/A	☒ N/A
f Salary scale	6f	%	☒ N/A	
g Estimated investment return on actuarial value of assets for year ending on the valuation date	6g	3.6%		
h Estimated investment return on current value of assets for year ending on the valuation date	6h	1.2%		

7 New amortization bases established in the current plan year:

(1) Type of base	(2) Initial balance	(3) Amortization Charge/Credit
4	-58014346	-6113753
1	269020124	28350276
3	10536958	1110421

8 Miscellaneous information:

a If a waiver of a funding deficiency has been approved for this plan year, enter the date (MM-DD-YYYY) of the ruling letter granting the approval	8a	
b(1) Is the plan required to provide a projection of expected benefit payments? (See the instructions.) If "Yes," attach a schedule.	☒ Yes ☐ No	
b(2) Is the plan required to provide a Schedule of Active Participant Data? (See the instructions.) If "Yes," attach a schedule.	☒ Yes ☐ No	
c Are any of the plan's amortization bases operating under an extension of time under section 412(e) (as in effect prior to 2008) or section 431(d) of the Code?	☒ Yes ☐ No	
d If line c is "Yes," provide the following additional information:		
(1) Was an extension granted automatic approval under section 431(d)(1) of the Code?	☒ Yes ☐ No	
(2) If line 8d(1) is "Yes," enter the number of years by which the amortization period was extended	8d(2)	5
(3) Was an extension approved by the Internal Revenue Service under section 412(e) (as in effect prior to 2008) or 431(d)(2) of the Code?	☐ Yes ☒ No	
(4) If line 8d(3) is "Yes," enter number of years by which the amortization period was extended (not including the number of years in line (2))	8d(4)	
(5) If line 8d(3) is "Yes," enter the date of the ruling letter approving the extension	8d(5)	
(6) If line 8d(3) is "Yes," is the amortization base eligible for amortization using interest rates applicable under section 6621(b) of the Code for years beginning after 2007?	☐ Yes ☐ No	
e If box 5h is checked or line 8c is "Yes," enter the difference between the minimum required contribution for the year and the minimum that would have been required without using the shortfall method or extending the amortization base(s)	8e	-180257802

9 Funding standard account statement for this plan year:**Charges to funding standard account:**

a Prior year funding deficiency, if any	9a	
b Employer's normal cost for plan year as of valuation date	9b	143377033
c Amortization charges as of valuation date:		
(1) All bases except funding waivers and certain bases for which the amortization period has been extended	9c(1)	4030521352
(2) Funding waivers	9c(2)	
(3) Certain bases for which the amortization period has been extended	9c(3)	
d Interest as applicable on lines 9a, 9b, and 9c	9d	52710670
e Total charges. Add lines 9a through 9d	9e	755519605

Credits to funding standard account:

f Prior year credit balance, if any	9f	1518329186
g Employer contributions. Total from column (b) of line 3	9g	397244555
	Outstanding balance	
h Amortization credits as of valuation date	9h	688725901
i Interest as applicable to end of plan year on lines 9f, 9g, and 9h.....	9i	140333353
j Full funding limitation (FFL) and credits:		
(1) ERISA FFL (accrued liability FFL).....	9j(1)	4517988920
(2) "RPA '94" override (90% current liability FFL)	9j(2)	7320386369
(3) FFL credit	9j(3)	
k (1) Waived funding deficiency	9k(1)	
(2) Other credits.....	9k(2)	
l Total credits. Add lines 9f through 9i, 9j(3), 9k(1), and 9k(2)	9l	2213657742
m Credit balance: If line 9l is greater than line 9e, enter the difference	9m	1458138137
n Funding deficiency: If line 9e is greater than line 9l, enter the difference.....	9n	

9 o Current year's accumulated reconciliation account:

(1) Due to waived funding deficiency accumulated prior to the 2016 plan year.....	9o(1)	
(2) Due to amortization bases extended and amortized using the interest rate under section 6621(b) of the Code:		
(a) Reconciliation outstanding balance as of valuation date	9o(2)(a)	
(b) Reconciliation amount (line 9c(3) balance minus line 9o(2)(a)).....	9o(2)(b)	
(3) Total as of valuation date.....	9o(3)	
10 Contribution necessary to avoid an accumulated funding deficiency. (See instructions.)	10	
11 Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions.	☒ Yes ☐ No	

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2016
		This Form is Open to Public Inspection.

For calendar plan year 2016 or fiscal plan year beginning **07/01/2016** and ending **06/30/2017**

A Name of plan PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 B/O/T PLUMBERS & PIPEFITTERS NATIONAL PENSION FUND	D Employer Identification Number (EIN) 52-6152779

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☐ Yes ☒ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
POTOMAC ASSET MANAGEMENT	5 S MARKET FREDERICK, MD 21701

52-1224946

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
INTERCONTINENTAL REAL ESTATE	1270 SOLDIERS FIELD RD BOSTON, MA 02135

04-3549299

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
MESIROW FINANCIAL	353 NORTH CLARK ST CHICAGO, IL 60654

36-3741067

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
NEW TOWER TRUST COMPANY	3 BETHESDA METRO CENTER BETHESDA, MD 20814

20-1641876

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

AFL CIO BUILDING INVESTMENT TRUST

815 CONNECTICUT AVE, NW
WASHINGTON, DC 20006

52-6328901

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

AQR CAPITAL MANAGEMENT LLC

TWO GREENWICH PLAZA, 3RD FLOOR
GREENWICH, CT 06830

13-3987414

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

AETOS CAPITAL LLC

875 THIRD AVENUE
NEW YORK, NY 10022**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

PINNACLE ASSET MANAGEMENT LP

712 5TH AVENUE
NEW YORK, NY 10019**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

GERDING EDLEN

1477 NW EVERETT ST
PORTLAND, OR 97209**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

CHEVY CHASE TRUST COMPANY

7501 WISCONSIN AVENUE
BETHESDA, MD 20814**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

NATIONAL INVESTMENT SERVICES

777 EAST WISCONSIN AVENUE
MILWAUKEE, WI 53202**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

HARRISON STREET REAL ESTATE

71 SOUTH WACKER DR
CHICAGO, IL 60606

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

BOYD WATTERSON ASSET MGMT

1801 E 9TH STREET
CLEVELAND, OH 44114

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

BLUEBAY ASSET MGMT

107 ELM STREET
STAMFORD, CT 06902

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

CLIFTON GROUP

3600 MINNEAPOLIS DR
MINNEAPOLIS, MN 55435

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

FRONTIER PARTNERS INC

400 SKOKIE BLVD
NORTHBROOK, IL 60062

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

GCM GROSVENOR

767 FIFTH AVENUE
NEW YORK, NY 10153

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

CGLIC

10490 LITTLE PATUXENT
COLUMBIA, MD 21044

06-1059331

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
23	NONE	2185467	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

O'DONOGHUE & O'DONOGHUE

4748 WISCONSIN AVE NW
WASHINGTON, DC 20016

53-0120528

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	NONE	1699164	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

BELL ASSET MGMT

101 COLLINS STREET
MELBOURNE AU

04-3412674

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	1664754	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PNC BANK

PO BOX 856177
LOUISVILLE, KY 40285

22-1146430

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
19 62 68	NONE	1396436	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

WELLINGTON MANAGEMENT

75 STATE STREET
BOSTON, MA 02109

04-2683227

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51 68	NONE	1356471	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

LSV ASSET MGMT

155 N WACKER DR
CHICAGO, IL 60606

23-2772200

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	1291121	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

JPMORGAN CHASE BANK NA

PO BOX 974958
DALLAS, TX 75397

13-2624428

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	1215956	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

NEUBERGER BERMAN

190 S LASALLE ST
CHICAGO, IL 60603

02-0654486

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	1158094	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

LOOMIS SAYLES & COMPANY

ONE FINANCIAL CENTER
BOSTON, MA 02111

04-3200030

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51 68	NONE	1045859	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

JENNISON ASSOCIATES LLC

1000 WINTER STREET
WALTHAM, MA 02351

22-2540245

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51 68	NONE	1038717	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

SCHRODER INVESTMENT MGMT

875 THIRD AVENUE
NEW YORK, NY 10022

13-4064414

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	793652	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

BOSTON INVESTMENT MANAGEMENT

ONE BOSTON PLACE
BOSTON, MA 02108-4408

04-3404987

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51 68	NONE	777270	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

WEDGE CAPITAL MANAGEMENT

301 S COLLEGE ST 2920
CHARLOTTE, NC 28202

56-1557450

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51 68	NONE	759092	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

CHUBB GROUP

333 WEST 34TH
NEW YORK, NY 10001

13-1963496

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	738352	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ARONSON PARTNERS

230 SOUTH BROAD
PHILADELPHIA, PA 19102

23-2322104

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	698442	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

ULLICO

1625 I ST, NW
WASHINGTON, DC 20006

13-1423090

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51 72	NONE	643782	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

EXPRESS SCRIPTS

21653 NETWORK PLACE
CHICAGO, IL 60673

43-1420563

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
23	NONE	623065	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

RBC GLOBAL ASSET MGMT

50 SOUTH SIXTH STREET
MINNEAPOLIS, MN 55402

41-1460668

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	614067	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

LORD ABBETT & COMPANY

90 HUDSON STREET
JERSEY CITY, NJ 07302

13-5620131

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51 68	NONE	585222	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

VOYA INVESTMENT

230 PARK AVENUE
NEW YORK, NY 02111

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	461111	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

WELLS CAPITAL

100 HERITAGE RESERVE
MENOMONEE FALLS, WI 53051

95-3692822

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	453722	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

T ROWE PRICE

PO BOX 64043
BALTIMORE, MD 21264

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	450572	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

BRANDYWINE GLOBAL

2929 ARCH STREET
PHILADELPHIA, PA 19104

51-0294065

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	442450	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

DISCIPLINED GROWTH INVESTORS

150 S FIFTH ST
MINNEAPOLIS, MN 55402

41-1901273

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51 68	NONE	388199	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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(a) Enter name and EIN or address (see instructions)

HARTFORD FIRE INSURANCE

333 WEST 34TH
NEW YORK, NY 10001

06-0383750

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	336720	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

SWEENEY JR., WILLIAM T.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	306393	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

CHEIRON, INC.

PO BOX 37117
BALTIMORE, MD 21297

13-4215617

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
11	NONE	301227	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

BASYS, INC

3700 KOPPERS STREET
HALETHORPE, MD 21227

52-1796473

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15	NONE	299362	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

SEGAL ADVISORS, INC

PO BOX 4142 CHURCH STREET STATION
NEW YORK, NY 10261

13-2646110

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	NONE	284598	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

SALTER & COMPANY, LLC

4600 EAST WEST HIGHWAY STE 300
BETHESDA, MD 20814

20-2088757

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	NONE	266844	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

KELLY PRESS, INC.

1701 CABIN BRANCH RD.
CHEVERLY, MD 20785

52-0975591

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
36	NONE	260008	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

INSCOE, TONI C.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	192099	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

STATE STREET GLOBAL ADVISORS

ONE LINCOLN ST, 33RD FLOOR
BOSTON, MA 02111

04-1867445

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	186767	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

SOFTMART, INC.

PO BOX 7236
PHILADELPHIA, PA 19101

23-2984561

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	184478	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

FRANKE, BENJAMIN C.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	181737	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

DAELEMANS, LINDA K.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	160052	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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(a) Enter name and EIN or address (see instructions)

XEROX CORPORATION

PO BOX 827181
PHILADELPHIA, PA 19182

16-0468020

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	157052	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

LEAHEY, DONALD M.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	153564	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

DEUJA, KUMAR

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	146008	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

KUKKALA, VENKATESWARARAO E.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	145007	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

PRIKRYL, ANDREW G.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	135794	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

HUGO, CURTIS A.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	134510	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

ROTHSCHILD ASSET MGMT

1251 6TH AVENUE
NEW YORK, NY 10020

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	133727	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

NORTHERN TRUST CORPORATION

50 SOUTH LASALLE STREET
CHICAGO, IL 60603

36-2723087

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51 68	NONE	129490	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

BOYCE, ERIC

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	125077	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

WILLIAMS, RENEE A.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	124532	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

EDWARDS, PERPETUA E.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	124296	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

DEVORE, KAREN A.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	123994	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

ZENEBE, IYOB

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	117925	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

O'REILLY-WALKER, ARLETTE M.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	113906	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

DOMINION VIRGINIA POWER

PO BOX 26543
RICHMOND, VA 23290

54-1836683

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	113765	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

ROURK, WANDA F.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	113196	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

THE CONWAY CORPORATION

2001 HAMILTON ST
HYATTSVILLE, MD 20782

62-1302726

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	106992	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

GAGHAN MECHANICAL, INC.

5649D GENERAL WASHINGTON DR
ALEXANDRIA, VA 22312

54-1789937

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	106821	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

INGE, MAURICE A.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	104870	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

GEOHAGAN, WAYNE S.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	98696	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

GALBREATH, KIM M

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	98673	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

JOHNSON, KATHRYNE

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	97783	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

PANCIERA, MARTHA E.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	97162	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

RASHEED, SUSAN B.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	93976	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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(a) Enter name and EIN or address (see instructions)

ROUNTREE, ELOISE S.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	93570	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

MORGAN, LEWIS & BOCKIUS, LLP

PO BOX 8500 S-6050
PHILADELPHIA, PA 19178

23-0891050

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	NONE	93211	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

FENDERSON, MELISSA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	92243	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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(a) Enter name and EIN or address (see instructions)

YOUHOUSE, JOSEPH D.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	88535	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

BOYD, CHANTELE Y.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	87341	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

FIRST FEDERAL CORPORATION

PO BOX 37142
BALTIMORE, MD 21297

52-1548842

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	87334	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

HILL, GERALD A.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	86690	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

RILEY, SANDRA L.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	86043	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

VERIZON

PO BOX 660720
DALLAS, TX 75266

23-2259884

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	84944	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

NOACK, LADONNA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	84363	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

BEKOE, KOFI

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	83704	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

GUERRA, MARY M.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	83393	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

INVESCO INC

1555 PEACHTREE NE, STREET
ATLANTA, GA 30309

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	81084	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

COLUMBIA PARTNERS

5425 WISCONSIN AVE
CHEVY CHASE, MD 20815

52-1940739

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51 68	NONE	80032	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

RESERVE ACCOUNT

PO BOX 223648
PITTSBURGH, PA 15250

84-1386389

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	80000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

PARKER, LINDA S.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	79336	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

SOUTHERN CALIFORNIA PIPETRADES

501 SHATTO PL 5TH FL
LOS ANGELES, CA 90020

95-4557526

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15	NONE	78287	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

CHESNICK, LISA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	78278	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

RECOVERY POINT SYSTEMS

75 W WATKINS MILL RD
GAITHERSBURG, MD 20878

52-2212966

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	77285	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

PHIFER, LINDA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	77267	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

SAVIA, SANDRA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	76919	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

EUCLID SPECIALTY

333 WEST 34TH
NEW YORK, NY 10001

45-3957469

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
23	NONE	75892	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

LEIGH, SANDRA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	75468	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

YIMER, TSEDAY

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	75334	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

BUZA, CHERYL

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	75101	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

MCGEADY, SHERRY

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	73904	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

RICKENBAKER, PAUL

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	73745	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

BOGGS, SHARON

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	73628	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

WHITE, AYEISHA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	73458	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

CONLON, DENNIS

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	72648	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

FULTZ, RUTH

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	72357	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

MONGOLD, GARY

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	72248	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ANDREWS, JUDY

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	71889	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

CLAASEN, GREGORY

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	71715	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

CARROLL, CORNELIUS

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	71701	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ROBINSON, KIVEN

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	71362	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

JOHNSON, DAVID A.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	71149	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ELLIS, ROBIN

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	71131	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

CHRISTENSEN JAMES AND MARTIN

7440 W SAHARA AVE
LAS VEGAS, NV 89117

88-0330040

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	NONE	70031	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

HITCH, LAUREN

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	69728	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ROBERTSON, JAMES

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	69634	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

COLLINS, ZENA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	69564	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

REVEL, DONNA L.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	69543	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

PLUMB, DARLENE

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	69054	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

MOSLEY, NAKETA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	68657	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PROCTOR, CHRISA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	68398	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

POWELL, PENNY

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	68029	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

SHAMLEY, MADRIENNE

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	67823	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PETERS, MICHAEL JR

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	67669	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

KARAWA, CAROLYNE SANARE

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	67479	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

SINCLAIR, NEICOLE

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	67366	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

ROBERTSON, BEVERLY

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	67359	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

THOMAS, KLANESHA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088363

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	66653	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ST. REMY, CHRIS

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	65919	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

JONES, NIKKI

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	65498	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

IRON MOUNTAIN

PO BOX 27128
NEW YORK, NY 10087

04-3038590

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	64856	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

KNIGHT-FITCH, SHENIKA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	64785	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

DICKENSON, MARY

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	64711	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

MORRISON, RYAN

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	64604	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

DELL MARKETING LLP

PO BOX 643561
PITTSBURGH, PA 15264

74-2616805

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	64336	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

BUTCHEE, TONIA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	64289	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

STEPHENS, JANEEN

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	64287	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

EJIGU, HABTAMU

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	63592	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

LEWIS, WILLIAM

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	63497	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

YOUHOUSE, MARIANELLA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	62977	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

JOHNSON, ANGELA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	62916	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

GREEN, TOLEATHIA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	62852	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

WARD, STACY

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	62829	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ATKINS, LISA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	62314	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

CRANFORD, CYNTHIA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	61929	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

KOPP III, ROBERT

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	61929	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

WAKE, BRIAN

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	61691	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

SAYSON, MARIBEL

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	61690	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

WILLIAMS, YURI

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	61690	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

GAILLARD, KIANA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	61550	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

AHMED, AASHA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	61220	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

SHAMLEY, BARBARA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	60479	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

O'CONNOR, KRISTINA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	60124	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

EWELL, SANDRA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	59972	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

CHARITY, LISA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	59853	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

HUNT, JASON

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	58475	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

DANIELS, JANICE

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	58131	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

JACKSON, TASHANNA M.

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	57158	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

REID, LARRY

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	56779	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

FRANK PARSONS PAPER CO INC.

PO BOX 791416
BALTIMORE, MD 21279

53-0179108

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	54988	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

THOMAS, ANGELA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	54349	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ADENIJI IBRAHIM

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

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30	EMPLOYEE	54291	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

CAPLIN & DRYSDALE

1 THOMAS CIRCLE NW
WASHINGTON, DC 20005

52-1226629

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	NONE	54043	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

SAUDER, DIANE

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	53909	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

KASPAR, KIMBERLY

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	53369	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

MYERS, TAMARA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	51012	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

SMITH, ROSS

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	50837	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

HIRSCHBERG, HEATHER

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	50785	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

JACKSON, LILIA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	49915	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

DALTON WHARF ASSOCIATION INC

107 ORONOCO ST
ALEXANDRIA, VA 22314

54-1182576

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	48900	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ISS FACILITY SERVICES - DC

9701 PHILADELPHIA CT STE R
LANHAM, MD 20706

06-1535240

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	48670	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

KRAMER WARNER

3545 RHODES AVENUE
NEWTOWN SQUARE, PA 19073

23-1742926

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
23	NONE	44418	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

CONGRESS ASSET MGMT

2 SEAPORT LANE
BOSTON, MA 02210

94-3362212

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	42862	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

BEDWELL, STEPHANIE

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	42034	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

SANARE, ANDREW

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	41756	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

CAPITAL HOTEL MGMT LLC

548 CABOT ST
BEVERLY, MA 01915

52-2266331

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	NONE	38000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

AVAYA COMMUNICATIONS, INC.

PO BOX 5332
NEW YORK, NY 10087

22-3713430

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	36474	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

UNION REALTY ADVISORS, LLC

1325 MASSACHUSETTS AVE NW 2ND FL
WASHINGTON, DC 20005

52-2009431

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
99	NONE	36177	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

RECIPROCITY ADMINISTRATION SVCS, IN

103 ORONOCO STREET
ALEXANDRIA, VA 22314

20-1717978

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	28546	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

BASCOPE, CHRISTINA

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	25693	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

NORTHEAST CAPITAL

7 AIRPORT PARK BLVD
LATHAM, NY 12110

14-1755641

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
34	NONE	24017	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

US PACK LOGISTICS

405 LEXINGTON AVE
NEW YORK, NY 10174

30-0857957

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	22361	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

BRENNAN, CAROL

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	16479	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

KEEPERS INC

PO BOX 823424
PHILADELPHIA, PA 19182

52-1911075

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	15601	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

INDOFF, INC.

PO BOX 842808
KANSAS CITY, MO 64184

43-0964848

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	15456	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

APPLIED BUSINESS SERVICES

900 WIND RIVER LANE
GAITHERSBURG, MD 20878

52-1423216

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	15260	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

RICHARD HYATT

8000 BOURNE ROAD
OWINGS, MD 20736

21-2781893

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	NONE	15050	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

PENSION BENEFIT INFORMATION

PO BOX 10308
SAN RAFAEL, CA 94912

94-2856521

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	14432	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

CONNER AND WINTERS LLP

4000 ONE WILLIAMS CTR
TULSA, OK 74172

73-1388566

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	NONE	12497	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

NATIONAL VISION

PO BOX 28144
NEW YORK, NY 10008

74-3033381

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
23	NONE	12020	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

AT&T

PO BOX 5094
CAROL STREAM, IL 60197

13-4924710

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	11937	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

PCM SALES INC

PO BOX 55327
LOS ANGELES, CA 90074

95-4108644

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	11724	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

ROLLING GREENS, INC

7155 OLD ALEXANDRIA FERRY RD
CLINTON, MD 20735

54-1087867

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	10680	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

JOHN E KELLY AND SONS

8431 OLD MARLBORO PIKE
UPPER MARLBORO, MD 20772

52-1544913

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	10200	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ALLIANCE TECHNOLOGY GROUP

7010 HI TECH DRIVE
HANOVER, MD 21076

52-2060067

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	10195	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PROXY VOTE PLUS, LLC

1200 SHERMER RD STE 216
NORTHBROOK, IL 60062

76-0702630

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
70	NONE	10000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

OFFIX LLC

13525 WELLINGTON CENTER
GAINESVILLE, VA 20155

54-1950776

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	9123	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

STEWART ARCHIBALD & BARNEY

7881 W CHARLESTON BLVD
LAS VEGAS, NV 89117

88-0382649

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	NONE	8598	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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(a) Enter name and EIN or address (see instructions)

SPRINT

PO BOX 4181
CAROL STREAM, IL 60197

48-1165245

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	8386	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

NCCMP

815 16TH STREET
WASHINGTON, DC 20006

52-1041104

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
99	NONE	8250	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

MICHAEL GOSSMAN

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
20	TRUSTEE	8213	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

BOYD, DERICK

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	7693	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

WALKER, JORDAN

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	7666	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ANASTASI & MOORE, PLLC

9 S WASHINGTON ST
SPOKANE, WA 99202

20-8149084

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	NONE	7006	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

ROMOLO & ASSOCIATES

1700 W LUTHY DRIVE
PEORIA, IL 61615

37-1077733

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	NONE	6682	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

MCKENZIE ROTHWELL BARLOW

1325 4TH AVENUE
SEATTLE, WA 98101

91-0889948

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	NONE	6557	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ROBEIN URANN SPENCER & PICARD

2540 SEVERN AVENUE
METAIRIE, LA 70002

72-0999672

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	NONE	6527	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

VIRGINIA AMERICAN WATER

PO BOX 371880
PITTSBURGH, PA 15250

54-0119650

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	6081	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

US INFO SEARCH

5330 E MAIN ST
COLUMBUS, OH 43213

20-5049308

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	6000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

VISION BUSINESS PRODUCTS

PO BOX 643897
PITTSBURGH, PA 15264

25-1303374

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	5818	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

ETHERIDGE QUINN

33 WOOD LANE
ROCKVILLE, MD 20850

52-1543979

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	NONE	5650	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

JOHNSON, DIXIE

103 ORONOCO STREET
ALEXANDRIA, VA 22314

52-6088636

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
30	EMPLOYEE	5409	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

KELLY GENERATOR

1955 DALE LANE
OWINGS MILL, MD 20736

52-1250908

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
49	NONE	5220	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2016</div> This Form is Open to Public Inspection.
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For calendar plan year 2016 or fiscal plan year beginning 07/01/2016 and ending 06/30/2017

A Name of plan <u>PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 5px;"> B Three-digit plan number (PN) ► </td> <td style="width: 20%; text-align: center; padding: 5px;"> <u>001</u> </td> </tr> <tr style="background-color: #f2f2f2;"> <td colspan="2" style="height: 20px;"></td> </tr> </table>	B Three-digit plan number (PN) ►	<u>001</u>		
B Three-digit plan number (PN) ►	<u>001</u>				
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>B/O/T PLUMBERS & PIPEFITTERS NATIONAL PENSION FUND</u>	D Employer Identification Number (EIN) <u>52-6152779</u>				

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>AFL-CIO BUILDING INVESTMENT TRUST</u>	
b Name of sponsor of entity listed in (a): <u>AFL-CIO</u>	
c EIN-PN <u>52-6220193-001</u>	d Entity code <u>C</u>
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>203973513</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>MULTI EMPLOYER PROPERTY TRUST</u>	
b Name of sponsor of entity listed in (a): <u>NEW TOWER TRUST COMPANY</u>	
c EIN-PN <u>52-6218800-001</u>	d Entity code <u>C</u>
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>206554355</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>UNION LABOR LIFE (J ACCT)</u>	
b Name of sponsor of entity listed in (a): <u>UNION LABOR LIFE</u>	
c EIN-PN <u>13-1423090-203</u>	d Entity code <u>P</u>
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>100654084</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>LORD ABBETT INTL SMALL CAP TRUST</u>	
b Name of sponsor of entity listed in (a): <u>STATE STREET BANK & TRUST COMPANY</u>	
c EIN-PN <u>13-5620131-001</u>	d Entity code <u>E</u>
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>96355500</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>BOSTON COMPANY EMERGING MARKETS FUN</u>	
b Name of sponsor of entity listed in (a): <u>BANK OF NEW YORK MELLON</u>	
c EIN-PN <u>04-3163165-001</u>	d Entity code <u>C</u>
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>111598029</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>AFL-CIO EQUITY INDEX FUND</u>	
b Name of sponsor of entity listed in (a): <u>CHEVY HASE TRUST COMPANY</u>	
c EIN-PN <u>27-3350609-010</u>	d Entity code <u>C</u>
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>227631005</u>	
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>NIS PREFERRED STOCK FUND</u>	
b Name of sponsor of entity listed in (a): <u>NATIONAL INVESTMENT SERVICES</u>	
c EIN-PN <u>16-1626084-002</u>	d Entity code <u>C</u>
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>51104810</u>	

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

a Name of MTIA, CCT, PSA, or 103-12 IE: **NHIT WORLD BOND TRUST****b** Name of sponsor of entity listed in (a): **LOOMIS SAYLES TRUST COMPANY**

c EIN-PN 20-8080381-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 100138520
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a Name of MTIA, CCT, PSA, or 103-12 IE: **INVESCO BALANCED RISK ALLOCATION TR****b** Name of sponsor of entity listed in (a): **INVESCO TRUST COMPANY**

c EIN-PN 26-6399613-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 96494309
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2016
		This Form is Open to Public Inspection

For calendar plan year 2016 or fiscal plan year beginning 07/01/2016 and ending 06/30/2017		
A Name of plan PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 B/O/T PLUMBERS & PIPEFITTERS NATIONAL PENSION FUND	D Employer Identification Number (EIN) 52-6152779	

Part I	Asset and Liability Statement
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1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a	28603910	58007615
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	51688898	56591980
(2) Participant contributions	1b(2)		
(3) Other.....	1b(3)	14382240	12541704
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	82793295	79763791
(2) U.S. Government securities	1c(2)	194818829	182455638
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other.....	1c(3)(B)	348469010	336133936
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)	2107510219	2291378100
(5) Partnership/joint venture interests	1c(5)	482411016	510278378
(6) Real estate (other than employer real property).....	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans.....	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)	869325897	997494541
(10) Value of interest in pooled separate accounts	1c(10)	97668244	100654085
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities.....	1c(12)	78213750	96355500
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	987319238	1085620121
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	1741769	1802646
(15) Other	1c(15)		

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e	8480574	8065978
f Total assets (add all amounts in lines 1a through 1e)	1f	5353426889	5817144013

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	13591105	23264043
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	13591105	23264043

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	5339835784	5793879970
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	397244555	
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		397244555
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	259414	
(B) U.S. Government securities	2b(1)(B)	4283864	
(C) Corporate debt instruments	2b(1)(C)	16292752	
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)	16282595	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		37118625
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	42800988	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		42800988
(3) Rents	2b(3)		69806
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	2811237224	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	2699687027	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		111550197
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	27899515	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		27899515

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		107657431
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		3578795
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		18141750
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		338270614
c Other income.....	2c		66739
d Total income. Add all income amounts in column (b) and enter total.....	2d		1084399015

Expenses**e** Benefit payment and payments to provide benefits:

(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	587639620	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		587639620
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)	2976717	
(2) Contract administrator fees.....	2i(2)		
(3) Investment advisory and management fees.....	2i(3)	18598230	
(4) Other	2i(4)	21140262	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		42715209
j Total expenses. Add all expense amounts in column (b) and enter total	2j		630354829

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		454044186
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan.....	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unqualified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☐ Yes ☒ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: **SALTER & COMPANY, LLC**

(2) EIN: **20-8078757**

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)

	Yes	No	Amount
4a		X	
4b		X	

		Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e Was this plan covered by a fidelity bond?	4e	X		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n		X	
o Defined Benefit Plan or Money Purchase Pension Plan Only: Were any distributions made during the plan year to an employee who attained age 62 and had not separated from service?	4o			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?
If "Yes," enter the amount of any plan assets that reverted to the employer this year. ☐ Yes ☒ No **Amount:**

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year (See instructions.)

Part V Trust Information

6a Name of trust	6b Trust's EIN
6c Name of trustee or custodian	6d Trustee's or custodian's telephone number

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection.
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For calendar plan year 2016 or fiscal plan year beginning 07/01/2016 and ending 06/30/2017

A Name of plan <u>PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>B/O/T PLUMBERS & PIPEFITTERS NATIONAL PENSION FUND</u>	D Employer Identification Number (EIN) <u>52-6152779</u>

Part I	Distributions
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All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions	1	
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s):		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	<u>789</u>

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
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4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☒ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☒ N/A

Part III	Amendments
-----------------	-------------------

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☒ No
--	-----------------------------------	-----------------------------------	-------------------------------	--

Part IV	ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
----------------	---

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Schedule R (Form 5500) 2016
v. 160205

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14	Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:	
a	The current year	14a
b	The plan year immediately preceding the current plan year	14b
c	The second preceding plan year	14c 23
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:	
a	The corresponding number for the plan year immediately preceding the current plan year	15a 1.22
b	The corresponding number for the second preceding plan year	15b 0.98
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:	
a	Enter the number of employers who withdrew during the preceding plan year	16a 10
b	If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b 670707
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐	

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment	
19	If the total number of participants is 1,000 or more, complete lines (a) through (c)	
a	Enter the percentage of plan assets held as: Stock: <u>53.0</u> % Investment-Grade Debt: <u>15.0</u> % High-Yield Debt: <u>6.0</u> % Real Estate: <u>11.0</u> % Other: <u>15.0</u> %	
b	Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☒ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more	
c	What duration measure was used to calculate line 19(b)? ☒ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):	

Part VII IRS Compliance Questions

20a	Is the plan a 401(k) plan? If "No," skip b	☐ Yes	☐ No
20b	How did the plan satisfy the nondiscrimination requirements for employee deferrals under section 401(k)(3) for the plan year? Check all that apply:	☐ Design-based safe harbor	☐ "Prior year" ADP test
		☐ "Current year" ADP test	☐ N/A
21a	What testing method was used to satisfy the coverage requirements under section 410(b) for the plan year? Check all that apply:	☐ Ratio percentage test	☐ Average benefit test ☐ N/A
21b	Did the plan satisfy the coverage and nondiscrimination requirements of sections 410(b) and 401(a)(4) for the plan year by combining this plan with any other plan under the permissive aggregation rules?	☐ Yes	☐ No
22a	If the plan is a master and prototype plan (M&P) or volume submitter plan that received a favorable IRS opinion letter or advisory letter, enter the date of the letter / / and the serial number .		
22b	If the plan is an individually-designed plan that received a favorable determination letter from the IRS, enter the date of the most recent determination letter / / .		

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND

AND SUBSIDIARY

CONSOLIDATED FINANCIAL STATEMENTS

AND

SUPPLEMENTAL SCHEDULES

FOR THE FISCAL YEARS ENDED JUNE 30, 2017 AND 2016

Plumbers and Pipefitters National Pension Fund and Subsidiary
Consolidated Financial Statements and Supplemental Schedules

For the Fiscal Years Ended June 30, 2017 and 2016

Index

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Salter & Company, LLC

Certified Public Accountants

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BETHESDA, MD 20814
Telephone 301 830-7400 Facsimile 301 830-7401

REPORT OF INDEPENDENT CERTIFIED PUBLIC ACCOUNTANTS

Board of Trustees
Plumbers and Pipefitters National
Pension Fund

We have audited the accompanying consolidated financial statements of Plumbers and Pipefitters National Pension Fund and subsidiary, which comprise the consolidated statements of net assets available for benefits as of June 30, 2017 and 2016, and the related consolidated statements of changes in net assets available for benefits for the years then ended, and the related notes to the consolidated financial statements.

Management's Responsibility for the Financial Statements

The Plan's management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with U.S. generally accepted accounting principles; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the consolidated 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 consolidated 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 entity's internal control. Accordingly, we express no such opinion. An audit 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 consolidated financial statements.

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

Salter & Company, LLC

Board of Trustees
Plumbers and Pipefitters National
Pension Fund

Opinion

In our opinion, based on our audits, the consolidated financial statements referred to above present fairly, in all material respects, information regarding the Fund's consolidated net assets available for benefits as of June 30, 2017, and changes therein for the year then ended and its consolidated financial status as of June 30, 2016, and changes therein for the year then ended in conformity with accounting principles generally accepted in the United States of America.

Report on Supplementary Information

Our audits were performed for the purpose of forming an opinion on the consolidated financial statements as a whole. The supplemental schedules of consolidated schedule of administrative expenses and assets held for investment purposes, appearing in pages 19 to 63 are presented for the purpose of additional analysis and are not a required part of the basic consolidated financial statements. The supplemental schedule on pages 20 through 63 are supplementary information required by the Department of Labor Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Such information is the responsibility of the Plan's management and was derived from and related directly to the underlying accounting and other records used to prepare the consolidated financial statements. The information has been subjected to the auditing procedures applied in the audits of the basic consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

Salter & Company LLC

Bethesda, MD
March 9, 2018

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

CONSOLIDATED STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
AS OF JUNE 30, 2017 AND 2016

	June 30,	
	2017	2016
<u>ASSETS</u>		
Investments, at Fair Value (See Note M)	\$ 5,681,936,736	\$ 5,250,271,267
Investments on Loan	(409,543,695)	(468,210,093)
Investments on Hand	<u>\$ 5,272,393,041</u>	<u>\$ 4,782,061,174</u>
 <u>Securities Lending</u>		
Investments on Loan	\$ 409,543,695	\$ 468,210,093
Cash Collateral Held for Securities on Loan	419,223,475	481,000,926
Obligations to Refund Collateral	(419,223,475)	(481,000,926)
<u>Net Investments on Loan</u>	<u>\$ 409,543,695</u>	<u>\$ 468,210,093</u>
 <u>Receivables</u>		
Employer Contributions and Reciprocals	\$ 55,862,420	\$ 50,376,400
Withdrawal Liability (Net)	729,560	1,312,498
Interest and Dividends	8,210,883	9,544,097
Securities Sold	4,009,418	4,268,845
Other	321,403	569,298
<u>Total Receivables</u>	<u>\$ 69,133,684</u>	<u>\$ 66,071,138</u>
 <u>Prepaid Expenses and Deposits</u>	<u>\$ 797,857</u>	<u>\$ 1,049,037</u>
 <u>Property and Equipment (Net of Depreciation and Amortization)</u>	<u>\$ 7,268,121</u>	<u>\$ 7,431,537</u>
 <u>Cash</u>	<u>\$ 58,007,615</u>	<u>\$ 28,603,910</u>
 <u>TOTAL ASSETS</u>	 <u><u>\$ 5,817,144,013</u></u>	 <u><u>\$ 5,353,426,889</u></u>
 <u>LIABILITIES</u>		
Securities Purchased	\$ 12,592,491	\$ 4,459,968
Trade Creditors	8,633,179	7,294,539
Others	2,038,373	1,836,598
<u>TOTAL LIABILITIES</u>	<u><u>\$ 23,264,043</u></u>	<u><u>\$ 13,591,105</u></u>
 <u>NET ASSETS AVAILABLE FOR BENEFITS</u>	 <u><u>\$ 5,793,879,970</u></u>	 <u><u>\$ 5,339,835,784</u></u>

See notes to consolidated financial statements.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

CONSOLIDATED STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE
FOR BENEFITS FOR THE FISCAL YEARS ENDED JUNE 30, 2017 AND 2016

	Fiscal Year Ended June 30,	
	2017	2016
<u>ADDITIONS</u>		
<u>Investment Income</u>		
Net Appreciation or (Depreciation) in Fair Value of Investments, etc.	\$ 607,098,301	\$ (130,878,372)
Dividends	42,800,988	42,333,878
Interest	37,118,626	40,994,441
Commissions Recovered	66,739	125,424
Rental Income (Net of Expenses)	69,806	158,170
	<u>\$ 687,154,460</u>	<u>\$ (47,266,459)</u>
Less:		
Investment Expenses	\$ 18,598,230	\$ 17,640,899
	<u>\$ 668,556,230</u>	<u>\$ (64,907,358)</u>
<u>Contributions</u>		
Employer Contributions and Reciprocals (Net)	\$ 397,122,310	\$ 380,958,057
Withdrawal Liability (Net)	122,245	61,440
	<u>\$ 397,244,555</u>	<u>\$ 381,019,497</u>
Plan Merger	\$ -	\$ 35,682,804
<u>TOTAL ADDITIONS</u>	<u>\$ 1,065,800,785</u>	<u>\$ 351,794,943</u>
<u>DEDUCTIONS</u>		
Benefits Paid Directly to Participants	\$ 587,639,620	\$ 565,589,221
Administrative Expenses	24,116,979	21,128,247
Merger Expenses	-	69,418
	<u>\$ 611,756,599</u>	<u>\$ 586,786,886</u>
<u>TOTAL DEDUCTIONS</u>	<u>\$ 611,756,599</u>	<u>\$ 586,786,886</u>
<u>NET INCREASE/(DECREASE)</u>	<u>\$ 454,044,186</u>	<u>\$ (234,991,943)</u>
<u>NET ASSETS AVAILABLE FOR BENEFITS:</u>		
Beginning of Year	<u>\$ 5,339,835,784</u>	<u>\$ 5,574,827,727</u>
End of Year	<u>\$ 5,793,879,970</u>	<u>\$ 5,339,835,784</u>

See notes to consolidated financial statements.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note A Description of Entities

Plumbers and Pipefitters National Pension Fund

The following brief description of Plumbers and Pipefitters National Pension Fund (Plan) is provided for general information purposes only. Participants should refer to the Plan Booklet for more complete information.

1. The Plan is a defined benefit pension plan. It is subject to provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The Plan is funded by participating employers' contributions to the Plan in accordance with Collective Bargaining Agreements.
2. The Plan Provides normal, reduced, early retirement, deferred, disability, vested, surviving spouse pensions, and severance or death benefits.

Note B Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements are prepared on the accrual basis of accounting.

Basis of Consolidation

The consolidated financial statements include the accounts of Plumbers and Pipefitters National Pension Fund and its wholly-owned subsidiary, Diplomat Properties Limited Partnership. All significant transactions and balances between the entities have been eliminated.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Foreign Currency Translation

The accounting records of the Fund are maintained in U.S. dollars. The market value of foreign securities, currency holdings, and other assets and liabilities are recorded in the books and records of the Fund after translation to U.S. dollars based on the exchange rates on that day. The cost of each security is determined using historical exchange rates. Income and withholding taxes are translated at prevailing exchange rates when accrued or incurred. The Fund does not isolate that portion of realized or unrealized gains or losses resulting from changes in the foreign exchange rate on investments from fluctuations arising from changes in the market prices of the securities. Such gains and losses are included with the net realized and unrealized gain or loss on investments.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note B Summary of Significant Accounting Policies (Continued)

Foreign Currency Translation (Continued)

Net realized gains and losses of foreign currency transactions represent net realized exchange gains or losses on closed foreign currency contracts and disposition of foreign currencies.

Forward Currency Contracts

The Fund has engaged in forward currency contracts, which are agreements between two parties to buy and sell currencies at a set price on a future date, to protect against a decline in value relative to the U.S. dollar of the currencies in which its portfolio securities are denominated or quoted. When the contract is closed, the Fund records a realized gain or loss equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed. The Fund could be exposed to risk if the value of the currency changes unfavorably, if the counterparties to the contracts are unable to meet the terms of their contracts or if the Fund is unable to enter into a closing position.

Payment of Benefits

Benefit payments to participants are recorded upon distribution.

Property and Equipment

Property and equipment are stated at cost, less accumulated depreciation or amortization computed on the straight-line method.

The following is a summary of fixed assets - at cost, less accumulated depreciation:

	As of June 30,	
	2017	2016
Building and Improvements	\$ 11,482,724	\$ 11,275,069
Office Furniture and Furnishings	1,319,348	1,316,007
Data Processing Equipment	11,468,514	11,330,154
Office Equipment	681,770	452,007
	<u>\$ 24,952,356</u>	<u>\$ 24,373,237</u>
Less: Accumulated Depreciation	<u>17,684,235</u>	<u>16,941,700</u>
Total	<u>\$ 7,268,121</u>	<u>\$ 7,431,537</u>

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note B Summary of Significant Accounting Policies (Continued)

Contributions and Reciprocals (Net)

Contributions paid from Contractors Under Union Agreements and Reciprocals Received, less Reciprocals Paid (Net) for the fiscal years ended June 30, 2017 and 2016, is comprised of the following:

	Year Ended June 30,	
	2017	2016
Contributions from Contractors	\$ 388,070,774	\$ 372,860,045
Reciprocal Receipts	<u>29,533,942</u>	<u>29,534,401</u>
	\$ 417,604,716	\$ 402,394,446
Deduct:		
Reciprocal Payments	<u>20,482,406</u>	<u>21,436,389</u>
	<u>\$ 397,122,310</u>	<u>\$ 380,958,057</u>

Accounting Changes

In May 2015, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2015-07, Fair Value Measurement (Topic 820): Disclosures for Investments in Certain Entities That Calculate Net Asset Value per Share (or Its Equivalent). ASU 2015-07 removes the requirement to categorize within the fair value hierarchy all investments for which fair value is measured using net asset value per share as a practical expedient. ASU 2015-07 is effective for fiscal years beginning after December 15, 2016, with early adoption permitted, and is to be applied retrospectively. The Plan has elected to adopt early ASU 2015-07 for the years ended June 30, 2017 and 2016. Plan management does not believe the adoption of the ASU had a material impact on the financial statements.

In July 2015, the FASB issued ASU 2015-12, Plan Accounting: Defined Benefit Pension Plans (Topic 960), Plan Investment Disclosures (Part II). ASU 2015-12 eliminates the requirements to disclose individual investments that represent 5 percent or more of net assets available for benefits and the net appreciation or depreciation in fair value of investments by general type. It also simplifies the level of disaggregation of investments that are measured using fair value. Plans will continue to disaggregate investments that are measured using fair value by general type; however, plans are no longer required to also disaggregate investments by nature, characteristics and risks. Further, the disclosure of information about fair value measurements shall be provided by general type of plan asset. ASU 2015-12 is effective for fiscal years beginning after December 15, 2016, with early adoption permitted, and is to be applied retrospectively. The Plan has elected to adopt early the ASU 2015-12 for the years ended June 30, 2017 and 2016. Plan management does not believe the adoption of the ASU had a material impact on the financial statements.

Subsequent Events

Subsequent events were evaluated through March 9, 2018, which is the date the financial statements were available to be issued.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note C Actuarial Present Value of Accumulated Plan Benefits

The actuarial present value of accumulated plan benefits as of July 1, 2016 and 2015, was as follows:

	July 1, 2016	2015
Vested Benefits	\$ 7,715,211,934	\$ 7,573,817,861
Non-vested Benefits	<u>165,698,022</u>	<u>156,227,340</u>
Total Actuarial Present Value	<u>\$ 7,880,909,956</u>	<u>\$ 7,730,045,201</u>

The factors which affected the change in the actuarial present value of accumulated plan benefits from the preceding to the current benefit information date are as follows:

<u>Factors</u>	<u>Change in Actuarial Present Value of Accumulated Plan Benefits</u>
Increase in Benefit Levels due to Increase in Benefit Accruals	\$ 117,999,818
Benefits Accumulated, Net Experience Gain or Loss, Changes in Data	41,490,562
Benefits Paid	(565,589,221)
Plan Merger	45,937,837
Changes in Assumptions	(58,014,346)
Interest	<u>569,040,105</u>
	<u>\$ 150,864,755</u>

The actuarial present value of accumulated plan benefits is determined by an actuary from Cheiron and is that amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payments (by means of decrements such as for death, disability, withdrawal or retirement) between the valuation date and expected date of payment. The significant actuarial assumptions used in the valuations as of July 1, 2016 and 2015, were:

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note C Actuarial Present Value of Accumulated Plan Benefits (Continued)

Healthy life mortality rates - RP-2000 Combined Mortality (Blue Collar)

Disabled life mortality rates - RP-2000 Disabled Mortality

Disability rates - starting at age 25 with a .026% disability probability moving in increments up to age 65 which has a 0.00% disability probability.

Rate of turnover - Sample termination rates before retirement:

Years of Service	Rate %
1	15.00
2	13.00
3	11.00
4	9.00
5-12	7.00
13-14	6.00
15	5.50
16-18	5.00
19-27	4.00
28-38	3.00
39 & Up	2.50

Rate of Retirement - starting at age 55 with a 10% retirement probability moving in increments up to age 70 which has a 100% retirement probability.

Percent married - Social Security awards in 1972

Spouse's Age - Assumed that husbands are three years older than their spouses.

Net investment return - 7.50%

Net investment return for current liability - 3.18% for current valuation; 3.34% for prior valuation.

Annual service credits - 1.02 service credits per year per active employee included in the valuation.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note C Actuarial Present Value of Accumulated Plan Benefits (Continued)

Administration expenses - \$19,500,000

Actuarial value of assets - Market value of assets less a portion of the actual market value returns that are more or less than expected returns. The gain or loss for the year equals the market value net investment income less the expected return on an actuarial value based on the net investment return assumption and 25% of the gain or loss is recognized each year for four years. However, the 2009 investment loss is recognized at a rate of 10% per plan year due to PRA 2010 Funding Relief. If necessary, the actuarial value is further adjusted to be within 20% of market value. If such a further adjustment is necessary, the gain or loss in the following year is adjusted by an amount equal to the further adjustment, but of the opposite sign.

Actuarial cost method - Unit Credit Cost Method.

PRA 2010 Funding Relief - The Fund's Board of Trustees elected funding relief under 431(b)(8) of the Code and 304(b)(8) of ERISA, specifically:

The "special amortization rule", which allowed the Plan's investment losses for the plan year ended June 30, 2009 to be separately amortized over 29 years, whereas they were previously required to be amortized over 15 years. The "special asset valuation rule" in determining the actuarial value of plan assets which allows the Plan to recognize the 2009 loss over 10 years, at 10% per year. Prior to the relief, this investment loss would be recognized over four years, or 25% per year.

The foregoing actuarial assumptions are based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits. If the Plan terminates, certain benefits under the Plan are insured by PBGC.

Note D Retirement Plans

The Plan has a retirement plan for employees. Pension expense was \$600,000 and \$0 for the fiscal years ended June 30, 2017 and 2016, respectively. Actuarial valuations prepared by an actuary of Cheiron as of July 1, 2016 showed the following:

	<u>July 1, 2016</u>
Actuarial Present Value of	
Accumulated Plan Benefits:	
Vested	\$ 27,415,933
Non-vested	<u>744,797</u>
	<u>\$ 28,160,730</u>

The net investment return rate used in determining the actuarial present value of accumulated plan benefits was 7.5%.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note D Retirement Plans (Continued)

The Plan has also established an employee savings plan under which employees may defer a portion of their annual compensation, pursuant to Section 401 (k) of the Internal Revenue Code. All employees are eligible to participate and may contribute a percentage of their income on a pretax basis up to the dollar limits set by law. There is no matching employer contribution.

Note E Plan Termination

1. Right to Terminate - The Trustees shall have the right to discontinue or terminate the Plan in whole or in part. The rights of all affected Participants to benefits accrued to the date of termination, partial termination or discontinuance to the extent funded as of such date shall be nonforfeitable.

2. Priorities of Allocation - In the event of termination, assets then remaining in the Plan after providing for any administrative expenses, shall be allocated among the Pensioners, Beneficiaries, and Participants, in the following order:

(a) First, in the case of benefits payable as a pension:

(i) In the case of the pension of a Participant or Beneficiary which was in pay status as of the beginning of the 3-year period ending on the termination date of the Plan, to each such pension, based on the provisions of the Plan (as in effect during the 5-year period ending on such date) under which such pension would be the least. The lowest pension in pay status during the 3-year period shall be considered the pension in pay for such period.

(ii) In the case of a pension of a Participant or Beneficiary which would have been in pay status as of the beginning of such 3-year period if the Participant had retired if his pension has commenced (in the standard form) as of the beginning of such period, to each such pension based on the provisions of the Plan (as in effect during the 5-year period ending on such date) under which the pension would be the least.

(b) Second, to all other benefits (if any) of the individuals under the Plan guaranteed under Title IV of ERISA.

(c) Third, to all other vested benefits under this Plan.

(d) Fourth, to all other benefits under this Plan.

Note F Funding Policy

The Plan is financed by employer contributions in accordance with the formulas set forth in the Collective Bargaining Agreements. The Plan met the minimum funding requirements of ERISA as of June 30, 2017 and 2016.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note G Litigation

Based on advice of Fund Counsel there is no litigation either threatened or pending which would have a material adverse effect on the Fund's financial position.

Note H Significant Plan Amendments

None

Note I Income Tax Status

The Plan obtained its latest determination letter on January 30, 2013, in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code. The Plan has been amended since receiving the determination letter. However, the Plan administrator and the Plan's tax counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the plan has taken an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service. The Plan is subject to routine audits by taxing jurisdictions, however, there are currently no audits for any tax periods in progress. The plan administrator believes it is no longer subject to income tax examinations for the years prior to 2014.

Note J Commitments and Contingencies

At June 30, 2017 the Plumbers and Pipefitters National Pension Fund had outstanding commitments to fund partnership investments as follows:

<u>Partnership Name</u>	<u>Total Commitment</u>	<u>Amount Funded</u>	<u>Outstanding Commitment</u>
GESD Investors, LP	\$ 10,000,000	\$ 9,943,661	\$ 56,339
Paladin Capital Partners Fund, LP	50,000,000	49,872,851	127,149
Gerding Edlen Green Cities II, LP	35,000,000	32,689,997	2,310,003
Gerding Edlen Green Cities III, LP	25,000,000	14,605,318	10,394,682
Grosvenor CIS II Offshore Feeder Fund LP	80,000,000	18,922,947	61,077,053
Hamilton Lane Secondary Feeder Fund IV LP	75,000,000	2,943,321	72,056,679
Harrison Street Real Estate Partners IV, LP	30,000,000	22,469,138	7,530,862
Mesirow Financial Real Estate Value Fund II, LP	50,000,000	45,138,414	4,861,586
Mesirow Financial Private Equity Partnership Fund VI, LP	100,000,000	47,000,000	53,000,000

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
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NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note K Securities Lending Program

The Trustees of the Plan have entered into an agreement with the bank that acts as custodian for the Plan's investments, which authorized the bank to lend securities held in the Plan's accounts to third parties. The bank must obtain collateral from the borrower in the form of cash, letters of credit issued by an entity other than the borrower, or acceptable securities. Both the collateral and the securities loaned are marked-to-market on a daily basis so that all loaned securities are more than fully collateralized at all times. In the event that the loaned securities are not returned by the borrower, the bank will, at its own expense, either replace the loaned securities or, if unable to purchase those securities on the open market, credit the Plan's accounts with cash equal to the fair value of the loaned securities.

The Plan receives 80% of the net revenue derived from all securities lending activities, and the bank receives the remainder of the net revenue. "Interest income" reported in the statement of changes in net assets available for benefits includes \$2,585,945 and \$2,364,005 earned by the Plan during the plan year ended June 30, 2017 and 2016, respectively, in connection with the securities lending program.

Although the Plan's securities lending activities are collateralized as described above, and although the terms of the securities lending agreement with the custodial bank require the bank to comply with government rules and regulations related to the lending of securities held by ERISA plans, the securities lending program involves both market and credit risk. In this context, market risk refers to the possibility that the borrower of securities will be unable to collateralize their loan upon a sudden material change in the fair value of the loaned securities or the collateral, or that the bank's investment of cash collateral received from the borrowers of the Plan's securities may be subject to unfavorable market fluctuations. Credit risk refers to the possibility that counterparties involved in the securities lending program may fail to perform in accordance with the terms of their contracts.

At June 30, 2017 and 2016, the fair value of securities loaned was \$409,543,695 and \$468,210,093, respectively, while the cash collateral held was \$419,223,475 and \$481,000,926, respectively. In accordance with Statement of Financial Accounting Standards No. 140 the value of the cash collateral held and a corresponding liability to return the collateral have been reported on the accompanying statement of net assets available for benefits.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note L Other Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statement of net assets available for benefits.

Plan contributions are made and the actuarial present value of accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

Note M Fair Value Measurements

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1) and the lowest priority to unobservable inputs (level 3). The three levels of the fair value hierarchy are described as follows:

Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the plan has the ability to access.

Level 2 - Inputs to the valuation methodology include:

- quoted prices for similar assets or liabilities in active markets;
- quoted prices for identical or similar assets or liabilities in inactive markets;
- inputs other than quoted prices that are observable for the asset or liability;
- inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 - Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note M Fair Value Measurements (Continued)

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at June 30, 2017 and 2016.

Corporate bonds: Valued using pricing models maximizing the use of observable inputs for similar securities. This includes basing value on yields currently available on comparable securities of issuers with similar credit ratings. When quoted prices are not available for identical or similar bonds, the bond is valued under a discounted cash flows approach that maximizes observable inputs, such as current yields of similar instruments, but includes adjustments for certain risks that may not be observable, such as credit and liquidity risks or a broker quote if available.

U.S. government securities : Valued using pricing models maximizing the use of observable inputs for similar securities.

Mutual Funds: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Common and Preferred stocks: Valued at the closing price reported on the active market on which the individual securities are traded.

Limited Partnerships : The fair values of limited partnerships recorded by the Plan are determined from financial statements received by the Plan from the limited partnerships or other entities in which the Plan has invested. Some of these financial statements are financial statements audited by independent accountants other than the Plan's independent auditors and some are unaudited financial statements. In addition, most of these investment vehicles operate as "fund of funds" which invest in limited partnerships and other nonmarketable investments. The entities in which the Plan invests prepare their financial statements stating their investments at fair value as determined in good faith by the general partner or by a third party valuator based on the best information available, in the absence of readily ascertainable market values.

Collective Trusts: Valued at the NAV of units of a bank collective trust. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. Participant transactions (purchased and sales) may occur daily. Were the Plan to initiate a full redemption of the collective trust, the investment adviser reserves the right to temporarily delay withdrawal from the trust in order to ensure that securities liquidations will be carried out in an orderly business manner.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note M Fair Value Measurements (Continued)

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of June 30, 2017 and 2016.

	<u>Assets at Fair Value as of June 30, 2017</u>			
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Totals</u>
Temporary Investments	\$ 79,763,791	\$ -	\$ -	\$ 79,763,791
U.S. Government Agencies				
Notes and Bonds	99,592,518	70,692,701	12,170,419	182,455,638
Corporate Bonds	-	322,810,790	13,323,146	336,133,936
Common and Preferred Stocks	2,263,483,215	-	27,894,885	2,291,378,100
Mutual and Other Funds	88,424,966	-	-	88,424,966
Total Assets in the Fair Value Hierarchy	<u>\$ 2,531,264,490</u>	<u>\$ 393,503,491</u>	<u>\$ 53,388,450</u>	<u>\$ 2,978,156,431</u>
Investment measured at NAV:				
Mutual and Other Funds				1,680,517,329
Real Estate Funds				511,181,952
Partnerships				510,278,378
Investment Contracts with Insurance Company				1,802,646
Total Investments at NAV				<u>2,703,780,305</u>
Total Assets at Fair Value				<u>\$ 5,681,936,736</u>

	<u>Assets at Fair Value as of June 30, 2016</u>			
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Totals</u>
Temporary Investments	\$ 82,793,295	\$ -	\$ -	\$ 82,793,295
U.S. Government Agencies				
Notes and Bonds	112,314,126	68,880,893	13,623,810	194,818,829
Corporate Bonds	-	334,319,765	14,149,286	348,469,051
Common and Preferred Stocks	2,077,501,311	-	30,008,908	2,107,510,219
Mutual Funds	115,328,214	-	-	115,328,214
Total Assets in the Fair Value Hierarchy	<u>\$ 2,387,936,946</u>	<u>\$ 403,200,658</u>	<u>\$ 57,782,004</u>	<u>\$ 2,848,919,608</u>
Investment measured at NAV:				
Mutual and Other Funds				1,382,290,808
Real Estate Funds				534,908,066
Partnerships				482,411,016
Investment Contracts with Insurance Company				1,741,769
Total Investments at NAV				<u>2,401,351,659</u>
Total Assets at Fair Value				<u>\$ 5,250,271,267</u>

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note M Fair Value Measurements (Continued)

The following table sets forth a summary of changes in the fair value of the Plan's level 3 assets for the year ended June 30, 2017:

	<u>Gov't Bonds</u>	<u>Corporate Bonds</u>	<u>Common Stocks</u>	<u>Totals</u>
<u>Level 3 Gains and Losses</u>				
Beginning balance, July 1, 2016	\$ 13,623,810	\$ 14,149,286	\$ 30,008,908	\$ 57,782,004
Realized gains (losses)	(35,641)	(62,859)	(1,276,767)	(1,375,267)
Unrealized gains (losses)	(271,913)	(25,627)	(25,216)	(322,756)
Purchases	-	1,711,996	1,325,213	3,037,209
Sales and settlements	(1,145,837)	(2,449,650)	(2,137,253)	(5,732,740)
Transfers in or out of Level 3	-	-	-	-
Ending balance, June 30, 2017	<u>\$ 12,170,419</u>	<u>\$ 13,323,146</u>	<u>\$ 27,894,885</u>	<u>\$ 53,388,450</u>

Gains and losses (realized and unrealized) included in changes in net assets for the period above are reported in net appreciation in fair value of investments in the statement of changes in net assets available for benefits.

Changes in Fair Value Levels

The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or model-based valuation techniques may require the transfer of financial instruments from one fair value level to another. In such instances, the transfer is reported at the beginning of the reporting period.

We evaluated the significance of transfers between levels based upon the nature of the financial instrument and size of the transfer relative to total net assets available for benefits. For the year ended June 30, 2017, there were no significant transfers between levels 2 and 3.

Quantitative Information about Significant Unobservable Inputs Used in Level 3 Fair Value Measurements

The following table represents the Plan's level 3 financial instruments, the valuation techniques used to measure the fair value of those financial instruments as of June 30, 2017, and the significant unobservable inputs and the ranges of values for those inputs:

<u>Instrument</u>	<u>Fair Value</u>	<u>Principal Valuation Technique</u>	<u>Significant Unobservable Inputs</u>	<u>Range of Significant Input Value</u>	<u>Weighted Average</u>
U.S. Government					
Bonds	\$ 12,170,419	Various	Various	Various	Various
Corporate bonds	\$ 13,323,146	Various	Various	Various	Various
Common stocks	\$ 27,894,885	Various	Various	Various	Various

In estimating fair value of the investments in level 3, the Board of Trustees may use third-party pricing sources or appraisers. In substantiating the reasonableness of the pricing data provided by third parties, the Board of Trustees evaluates a variety of factors including review of methods and assumptions used by external sources, recently executed transactions, existing contracts, economic conditions, industry and market developments, and overall credit ratings.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
JUNE 30, 2017 AND 2016

Note M Fair Value Measurements (Continued)

Fair Value of Investments that Calculate Net Asset Value

The following table summarizes investments measured at fair value based on net asset value (NAVs) per share as of June 30, 2017 and 2016, respectively.

<u>June 30, 2017</u>		<u>Fair Value</u>	<u>Unfunded</u> <u>Commitments</u>	<u>Redemption</u> <u>Frequency</u> <u>(if currently eligible)</u>	<u>Redemption</u> <u>Notice Period</u>
Real Estate Funds	\$	511,181,952	n/a	monthly	30 days
Limited Partnerships	\$	510,278,378	211,414,353	n/a	n/a

<u>June 30, 2016</u>		<u>Fair Value</u>	<u>Unfunded</u> <u>Commitments</u>	<u>Redemption</u> <u>Frequency</u> <u>(if currently eligible)</u>	<u>Redemption</u> <u>Notice Period</u>
Real Estate Funds	\$	534,908,066	n/a	monthly	30 days
Limited Partnerships	\$	482,411,016	186,890,718	n/a	n/a

The Plan's investment in the real estate funds category is comprised of several investments. Underlying assets in these funds primarily include publicly traded equity securities and fixed income securities and are valued at their Net Asset Values calculated by the fund sponsor and have monthly liquidity.

The Plan's investment in the limited partnership category consists of numerous individual investments. These investments seek to achieve long term-growth of capital consistent with risk reduction through diversification. These investments are subject to various restrictions on redemption and frequency.

Note O Pension Protection Act of 2006

Under ERISA, as amended by the Pension Protection Act of 2006 (PPA) the actuary of the Plan certified that the Plan is in endangered (Yellow Zone) status for the plan year beginning July 1, 2009. Based on the endangered status certification, the Plan's board of trustees developed and adopted a "Funding Improvement Plan" (FIP).

The Plan's board of trustees adopted the FIP on April 5, 2010. The FIP included four contribution rate increase options, from which parties to the collective bargaining agreements may choose when those collective bargaining agreements expire, if not sooner.

Note P Plan Merger

Plan mergers are comprised of the following:

	<u>June 30, 2017</u>	<u>June 30, 2016</u>
<u>Assets Received From Another Plan Merged Into This Plan</u>		
Worcester Area Plumbers and Pipefitters		
Union Local No. 4 Pension Plan	\$ -	\$ 35,682,804

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
AND SUBSIDIARY
SUPPLEMENTARY SCHEDULES

CONSOLIDATING SCHEDULE OF ADMINISTRATIVE EXPENSES
FOR THE FISCAL YEAR ENDED JUNE 30, 2017

<u>Description</u>	<u>June 30, 2017</u>
Payroll	\$ 8,620,438
Equipment, Rent, Maintenance, and Repairs	469,755
Printing, Stationery, and Office Supplies	65,594
Telephone	126,283
Dues and Subscriptions	24,552
Insurance	894,977
Employees' Benefits	2,831,102
Contribution-Staff Retirement Plan	600,000
Postage, Freight and Express	188,930
<u>Taxes</u>	
Payroll	632,445
Other	183,376
Accounting Fees and Expenses	473,609
Software Expenses	522,011
Actuarial Services and Expenses	272,143
Records Storage Expenses	140,448
Outside Services	418,321
Legal Fees and Expenses	2,159,120
Virginia Property Expense	435,452
Depreciation	677,634
PBGC	4,166,375
Travel	74,344
DPLP Activity:	
Insurance	65,737
Management Fees	38,000
Legal	33,845
Administrative and General	2,488
<u>TOTAL ADMINISTRATIVE EXPENSES</u>	<u>\$ 24,116,979</u>

See Accountants' Report on Supplemental Schedules.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest, collateral, par or maturity value		(d)		(e)	
(a)	(b)	(c)	(d)	(e)	(f)
Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest	Cost	Current Value
<u>Short Term Investments</u>					
PNC Government MM Fd	Money market	N/A	N/A	48,776,910	\$ 48,776,910
Foreign Currencies	Money market	N/A	N/A	1,602,843	\$ 1,719,492
Dreyfus Capital Management Fund	Money market	N/A	N/A	2	2
Dreyfus Treasury Prime Cash Mgmt	Money market	N/A	N/A	17,350,201	17,350,199
Reserve Inv't Funds Inc #25	Money market	N/A	N/A	652,032	652,032
United States Treasury Bills	Treasury Bill	12/04/17	DTD	2,600,000	2,585,868
United States Treasury Bills	Treasury Bill	07/13/17	DTD	8,700,000	8,679,287
Total Short Term Investments				\$ 79,647,141	\$ 79,763,791
<u>Government & Agencies Notes and Bonds</u>					
Federal Home Loan Mortgage Corporation	Notes	11/1/32	7.000%	78,792	\$ 81,562
Federal Home Loan Mortgage Corporation	Notes	07/01/32	7.000%	20,254	20,966
Federal Home Loan Mortgage Corporation	Notes	09/01/32	7.000%	77,758	80,492
Federal Home Loan Mortgage Corporation	Notes	10/01/32	7.000%	69,708	72,158
Federal Home Loan Mortgage Corporation	Notes	12/01/29	7.000%	591	707
Federal Home Loan Mortgage Corporation	Notes	01/01/43	3.000%	1,455,188	1,499,071
Federal Home Loan Mortgage Corporation	Notes	06/01/44	3.500%	206,549	211,761
Federal Home Loan Mortgage Corporation	Notes	05/01/46	3.500%	670,438	704,798
Federal Home Loan Mortgage Corporation	Notes	05/01/47	4.000%	882,656	929,651
Federal Home Loan Mortgage Corporation	Notes	05/01/26	7.500%	6,462	6,419
Federal Home Loan Mortgage Corporation	Notes	08/25/23	Var%	626,727	626,727
Federal National Mortgage Association	Notes	06/01/21	6.000%	201	210
Federal National Mortgage Association	Notes	10/01/22	6.000%	965	1,009
Federal National Mortgage Association	Notes	06/01/29	6.000%	29,705	27,653
Federal National Mortgage Association	Notes	11/01/29	7.000%	28,592	29,705
Federal National Mortgage Association	Notes	08/01/32	7.000%	58,495	60,770
Federal National Mortgage Association	Notes	04/01/37	Var%	5,194	5,214
Federal National Mortgage Association	Notes	06/01/42	3.247%	127,064	131,710
Federal National Mortgage Association	Notes	04/01/43	3.000%	159,044	155,516
Federal National Mortgage Association	Notes	05/01/43	3.000%	82,912	81,986
Federal National Mortgage Association	Notes	07/01/46	3.000%	703,927	724,550
Federal National Mortgage Association	Notes	08/15/46	4.500%	3,335,000	3,575,711
Federal National Mortgage Association	Notes	04/01/47	4.000%	1,859,989	1,963,959
Federal National Mortgage Association	Notes	05/01/47	4.000%	2,381,112	2,509,654
Federal National Mortgage Association	Notes	07/15/47	4.000%	1,025,000	1,080,734
Federal National Mortgage Association	Notes	12/31/49	4.000%	6,010,683	6,422,979
Federal National Mortgage Association	Notes	06/01/43	3.000%	263,969	261,020
Federal National Mortgage Association	Notes	08/01/43	3.000%	197,475	193,132
Federal National Mortgage Association	Notes	08/01/43	3.000%	294,647	288,167
Federal National Mortgage Association	Notes	12/25/17	0.442%	88,011	87,985
Fico Strip	Notes	11/30/17	0.000%	3,745,000	2,547,802
Fremf Mortgage Trust	Notes	02/25/22	3.669%	570,000	567,555
US Treasury Strip Princ	Notes	02/15/45	0.000%	1,485,000	708,245
US Treasury Strip Princ	Notes	08/15/45	0.000%	1,200,000	530,123
Government National Mortgage Association	Bonds	11/15/29	7.000%	439	-
Government National Mortgage Association	Bonds	10/15/29	7.500%	384	430
Government National Mortgage Association	Bonds	09/15/28	7.500%	915	2,308
Government National Mortgage Association	Bonds	04/20/44	2.000%	1,122,687	1,152,508
Government National Mortgage Association	Bonds	12/15/23	7.000%	16,614	17,063
Malaysia Government	Bonds	11/16/27	3.899%	3,220,000	6,334,223
Malaysia Government	Bonds	03/15/23	3.480%	4,460,000	1,380,560
Malaysia Government	Bonds	09/30/21	4.048%	4,750,000	1,364,158

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(d) Cost		(e) Current Value
Malaysia Government	Bonds	09/15/25	3.955%	2,025,000	468,177		469,298
Malaysia Government	Bonds	10/15/20	3.659%	8,075,000	-		1,882,768
Malaysia Government	Bonds	11/30/26	3.900%	750,000	175,269		173,711
Malaysia Government	Bonds	11/30/21	3.620%	1,610,000	401,538		373,830
Mex Bonos Desarr Fix Rt	Bonds	11/13/42	7.750%	984,000	-		5,742,624
Mex Bonos Desarr Fix Rt	Bonds	11/23/34	7.750%	206,000	1,020,976		1,223,228
Mex Bonos Desarr Fix Rt	Bonds	11/18/38	8.500%	684,000	5,721,847		4,312,620
Mex Bonos Desarr Fix Rt	Bonds	05/31/29	8.500%	612,800	5,627,325		3,842,256
Neder Waterschapsbank	Bonds	02/14/18	Var%	2,660,000	2,671,544		2,663,538
New South Wales Treasury Corp	Bonds	08/20/24	5.000%	3,185,000	2,963,290		2,822,982
Nota Do Tesouro Nacional	Bonds	01/01/23	10.000%	11,145	4,646,724		3,587,666
Nota Do Tesouro Nacional	Bonds	01/01/21	10.000%	2,240	954,018		678,897
Poland Government	Bonds	10/25/23	4.000%	1,400,000	-		401,867
Poland Government	Bonds	07/25/25	3.250%	7,800,000	2,091,558		2,122,486
Poland Government	Bonds	07/25/26	2.500%	12,960,000	3,202,976		3,304,308
Queensland Treasury Corp	Bonds	07/21/25	4.750%	2,140,000	1,749,693		1,859,711
Queensland Treasury Corp	Bonds	07/21/26	3.250%	2,210,000	-		1,722,846
Republic of South Africa	Bonds	03/31/21	6.750%	12,545,000	1,539,952		927,654
Republic of South Africa	Bonds	02/28/41	6.500%	41,570,000	3,681,261		2,217,593
Republic of South Africa	Bonds	02/28/48	8.750%	34,525,000	2,647,279		2,352,685
USA Treasury Bond	Bonds	11/15/28	5.250%	2,265,000	2,885,093		2,915,825
USA Treasury Note	Notes	10/31/17	0.750%	1,000,000	999,373		998,860.0
USA Treasury Note	Notes	02/28/18	0.750%	225,000	224,051		224,314.0
USA Treasury Note	Notes	03/31/18	0.750%	875,000	875,137		871,754.0
USA Treasury Note	Notes	04/15/18	0.750%	2,370,000	2,361,107		2,360,283.0
USA Treasury Note	Notes	04/30/18	0.625%	2,795,000	2,780,784		2,780,159.0
USA Treasury Note	Notes	05/15/18	1.000%	1,755,000	1,751,778		1,750,753.0
USA Treasury Note	Notes	06/30/18	2.125%	1,475,000	1,493,380		1,490,443.0
USA Treasury Note	Notes	08/31/18	1.500%	2,464,400	2,499,248		2,469,994.0
USA Treasury Note	Notes	10/31/18	Var%	670,000	670,339		671,186.0
USA Treasury Note	Notes	10/31/18	0.750%	3,972,500	3,971,862		3,941,793.0
USA Treasury Note	Notes	12/31/18	1.375%	2,845,000	2,851,273		2,846,110.0
USA Treasury Note	Notes	01/31/19	Var%	6,843,000	6,856,911		6,852,238.0
USA Treasury Note	Notes	04/30/19	Var%	1,655,000	1,655,041		1,654,652.0
USA Treasury Note	Notes	05/15/20	1.375%	415,000	415,519		414,531.0
USA Treasury Note	Notes	01/31/21	1.375%	3,030,000	2,993,017		2,998,276.0
USA Treasury Note	Notes	02/28/21	1.125%	805,000	795,189		788,650.0
USA Treasury Note	Notes	06/30/21	1.000%	1,565,000	1,571,985		1,527,409.0
USA Treasury Note	Notes	10/31/21	1.875%	295,000	293,502		297,363.0
USA Treasury Note	Notes	11/30/21	1.750%	6,195,000	6,140,380		6,178,769.0
USA Treasury Note	Notes	03/31/22	1.875%	140,000	139,710		140,083.0
USA Treasury Note	Notes	11/30/22	2.000%	1,855,000	1,882,937		1,858,914.0
USA Treasury Note	Notes	12/31/22	2.000%	1,980,000	2,004,407		1,995,781.0
USA Treasury Note	Notes	02/15/25	2.000%	265,000	260,504		261,367.0
USA Treasury Note	Notes	02/15/25	2.000%	3,270,000	3,155,230		3,225,168.0
USA Treasury Note	Notes	07/15/26	0.125%	2,125,000	2,146,757		2,091,086.0
USA Treasury Note	Notes	11/15/26	2.000%	5,270,000	5,055,940		5,138,672.0
USA Treasury Note	Notes	02/15/27	2.250%	810,000	803,083		806,233.0
USA Treasury Note	Notes	05/15/27	2.375%	1,247,000	1,260,228		1,254,894.0
USA Treasury Note	Notes	02/15/45	2.500%	7,715,000	7,010,445		7,199,947.0
USA Treasury Note	Notes	02/15/45	2.500%	148,000	130,391		138,120.0
USA Treasury Note	Notes	02/15/45	0.750%	725,500	658,872		707,766.0
USA Treasury Note	Notes	05/15/45	3.000%	2,800,000	2,822,834		2,885,204.0
USA Treasury Note	Notes	05/15/45	3.000%	365,000	368,172		376,107.0

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EIN: 52-6152779
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(c) Description of investment, including maturity date, rate of interest,
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USA Treasury Note	Notes	08/15/45	2.875%	3,680,000	3,692,095		3,700,571.0
USA Treasury Note	Notes	11/15/45	3.000%	230,000	245,643		236,891.0
USA Treasury Note	Notes	11/15/45	3.000%	2,830,000	2,954,624		2,914,787.0
USA Treasury Note	Notes	02/15/46	1.000%	804,600	889,358		830,421.0
USA Treasury Note	Notes	02/15/46	2.625%	4,285,000	4,155,528		3,988,392.0
USA Treasury Note	Notes	02/15/46	2.625%	425,000	439,915		395,581.0
USA Treasury Note	Notes	05/15/46	2.500%	2,005,000	1,924,168		1,865,352.0
USA Treasury Note	Notes	05/15/46	2.500%	350,000	354,958		325,623.0
USA Treasury Note	Notes	08/15/46	2.250%	2,205,000	1,880,821		1,941,260.0
USA Treasury Note	Notes	08/15/46	2.250%	140,000	117,424		123,255.0
USA Treasury Note	Notes	11/15/46	2.875%	3,250,000	3,189,620		3,267,908.0
USA Treasury Note	Notes	11/15/46	2.875%	5,165,000	5,059,196		5,193,459.0
USA Treasury Note	Notes	02/15/47	3.000%	35,000	36,838		36,105.0
USA Treasury Note	Notes	02/15/47	3.000%	1,425,000	1,472,358		1,469,973.0
United Kingdom	Bonds	07/22/18	1.250%	5,015,000	-		6,595,249.0
European Investment Bank	Notes	10/09/18	Var%	1,605,000	1,605,000		1,606,043.0
Swedish Export Credit	Bonds	11/09/17	Var%	1,920,000	-		1,921,728.0
Total Government & Agencies Notes and Bonds					\$ 175,786,403	\$	182,455,638

Corporate and Other Notes and Bonds

1011778 BC/New Red Finance Inc	Notes	01/15/22	4.625%	290,000	\$ 289,788	\$	297,250
1011778 BC/New Red Finance Inc	Notes	05/15/24	4.250%	395,000	394,875		392,508
Abbott Laboratories	Notes	11/30/23	3.400%	770,000	766,373		788,234
Abbott Laboratories	Notes	11/30/23	3.400%	1,025,000	1,020,172		1,049,272
Abbvie, Incorporated	Notes	11/06/22	3.200%	65,000	64,872		66,668
Actavis Funding SCS	Notes	03/15/22	3.450%	100,000	99,858		103,082
Actavis Funding SCS	Notes	03/15/22	3.450%	473,000	472,328		487,578
Advantage Sales & Marketing	Bonds	n/a	n/a	1,072,722	1,058,470		1,072,722
Aecom	Notes	10/15/24	5.875%	225,000	232,660		244,688
Aetna, Incorporated	Notes	03/15/19	2.200%	135,000	134,865		135,787
Aetna, Incorporated	Notes	06/15/23	2.800%	515,000	514,248		514,109
Aircastle Limited	Notes	12/15/18	4.625%	540,000	563,469		557,388
Aircastle Limited	Notes	12/01/19	6.250%	415,000	451,388		451,831
Aircastle Limited	Notes	03/15/21	5.125%	450,000	447,162		481,666
Aircastle Limited	Notes	02/15/22	5.500%	215,000	213,950		234,350
Aircastle Limited	Notes	04/01/23	5.000%	265,000	268,825		282,887
Air Liquide Finance	Notes	09/27/23	2.250%	200,000	199,498		193,348
Albertsons Companies LLC	Notes	06/15/24	6.625%	1,000,000	1,019,722		992,500
Albertsons Companies LLC	Notes	03/15/25	5.750%	695,000	694,300		646,350
Alcoa, Incorporated	Notes	02/23/19	5.720%	120,000	126,900		125,022
Alcoa, Incorporated	Notes	10/01/24	5.125%	240,000	238,232		249,000
Allegion PLC	Notes	09/15/23	5.875%	300,000	312,981		321,750
Ally Auto Receivables Trust	Bonds	09/16/19	1.390%	184,301	184,278		184,246
Ally Auto Receivables Trust	Bonds	08/15/18	1.200%	11,892	11,891		11,891
Ally Auto Receivables Trust	Bonds	12/17/18	1.250%	124,882	124,881		124,831
Ally Financial, Incorporated	Notes	12/01/17	6.250%	840,000	898,609		854,532
Ally Financial, Incorporated	Notes	03/15/20	8.000%	1,900,000	2,193,633		2,161,250
Ally Financial, Incorporated	Notes	09/29/17	3.250%	235,000	237,350		235,728
Ally Financial, Incorporated	Notes	05/21/18	3.600%	1,810,000	1,817,567		1,830,362
Ally Financial, Incorporated	Notes	11/05/18	3.250%	810,000	810,594		819,882
Altice SA	Notes	05/15/22	7.750%	675,000	683,924		716,344
Altice SA	Notes	02/15/25	7.625%	490,000	496,312		537,163
Altice US Finance I Corporation	Bonds	05/15/26	5.500%	435,000	435,825		456,750
AMC Entertainment, Incorporated	Notes	06/15/25	5.750%	540,000	547,703		561,600

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AMC Entertainment, Incorporated	Notes	05/15/27	6.125%	425,000	430,325	448,507
American Express Credit	Bonds	08/15/19	2.250%	460,000	459,719	463,961
American Express Credit	Bonds	03/03/20	2.200%	1,030,000	1,028,929	1,034,903
American Express Credit	Bonds	12/15/21	1.640%	250,000	249,960	249,802
American International Group	Notes	03/01/21	3.300%	532,000	531,854	547,338
American International Group	Notes	04/01/26	3.900%	260,000	259,870	265,988
American International Group	Notes	04/01/26	3.900%	400,000	399,800	409,212
American Municipal Power	Bonds	02/15/50	8.084%	170,000	251,411	271,058
Americredit Automobile Receivables	Bonds	11/08/19	2.290%	467,123	467,940	468,160
Amerigas Finance LLC	Bonds	05/20/24	5.625%	385,000	397,137	396,550
Amgen, Incorporated	Notes	11/15/41	5.150%	470,000	468,522	523,890
Amkor Technology, Incorporated	Notes	10/01/22	6.375%	740,000	737,453	770,525
Anglo American Capital Company	Notes	09/27/20	4.450%	235,000	207,654	244,962
Anheuser Busch, Incorporated	Notes	02/01/21	2.650%	290,000	289,092	293,889
Anheuser Busch, Incorporated	Notes	02/01/23	3.300%	370,000	368,598	381,000
Anna Merger Sub, Incorporated	Bonds	10/01/22	7.750%	1,550,000	1,458,229	1,174,125
Antero Resources	Notes	11/01/21	5.375%	330,000	315,737	333,300
Antero Resources	Notes	12/01/22	5.125%	640,000	535,566	641,395
Antero Midstream Partners, LP	Notes	09/15/24	5.375%	700,000	705,881	715,750
Apple, Incorporated	Notes	05/04/43	3.850%	265,000	251,949	264,926
Apple, Incorporated	Notes	05/13/45	4.375%	190,000	189,306	205,420
Apple, Incorporated	Notes	02/23/36	4.500%	725,000	722,666	813,530
Apple, Incorporated	Notes	02/23/46	4.650%	1,850,000	1,921,096	2,073,702
Apple, Incorporated	Notes	02/09/47	4.250%	165,000	164,667	175,002
Apple, Incorporated	Notes	06/20/27	3.000%	345,000	344,203	343,268
Aramark Services, Incorporated	Notes	01/15/24	5.125%	450,000	468,394	473,062
Arcelomittal	Notes	10/15/39	7.500%	1,765,000	1,718,667	1,979,006
Ardagh Holdings USA	Bonds	09/15/22	4.250%	235,000	241,775	241,228
Ardagh Holdings USA	Bonds	02/15/25	6.000%	775,000	776,906	813,750
Argos Merger Sub, Incorporated	Bonds	03/15/23	7.125%	155,000	156,144	137,950
Ascent Resources	Bonds	04/01/22	10.000%	510,000	519,075	510,000
Ashco Inc.	Bonds	n/a	n/a	280,000	276,635	280,000
AT&T, Incorporated	Notes	08/15/41	5.550%	150,000	149,004	162,990
AT&T, Incorporated	Notes	05/15/25	3.400%	245,000	244,275	240,857
AT&T, Incorporated	Notes	05/15/25	3.400%	570,000	572,008	560,361
AT&T, Incorporated	Notes	05/15/35	4.500%	275,000	274,205	270,542
AT&T, Incorporated	Notes	03/01/37	5.250%	510,000	507,598	543,344
AT&T, Incorporated	Notes	08/15/40	6.000%	395,000	389,703	446,018
Autozone, Inc.	Bonds	06/01/27	3.750%	170,000	169,991	170,048
Avolon TLB Borrower LLC	Bonds	n/a	n/a	565,000	562,175	565,000
Avis Budget Car	Bonds	04/01/23	5.500%	135,000	132,368	134,156
Avis Budget Car	Bonds	03/15/25	5.250%	520,000	483,812	489,450
Bae Systems PLC	Notes	10/11/21	4.750%	295,000	294,699	318,361
Ball Corporation	Notes	12/15/20	4.375%	320,000	326,009	336,000
Ball Corporation	Notes	03/15/22	5.000%	435,000	460,083	464,363
Bank of America Corporation	Notes	05/01/18	5.650%	135,000	128,839	139,239
Bank of America Corporation	Notes	08/01/25	3.875%	810,000	837,278	837,953
Bank of America Corporation	Notes	08/26/24	4.200%	215,000	214,843	223,191
Bank of America Corporation	Notes	01/22/25	4.000%	30,000	29,819	30,523
Bank of America Corporation	Bonds	03/03/26	4.450%	140,000	140,000	145,704
Bank of America Corporation	Notes	04/19/21	2.625%	335,000	334,923	336,484
Bank of New York Mellon	Notes	04/15/24	3.400%	505,000	504,742	520,473
Barclays PLC	Notes	03/16/25	3.650%	215,000	214,323	213,931
Barclays PLC	Notes	06/12/21	10.179%	630,000	847,583	789,056

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Bass Pro Groups	Bonds	n/a	n/a	228,288	228,789	228,288
Baxalta, Incorporated	Notes	06/23/22	3.600%	280,000	280,107	289,948
BBVA Banco Continental	Notes	04/08/18	3.250%	245,000	243,591	247,817
Becton Dickinson & Company	Notes	06/06/24	3.363%	795,000	795,000	796,821
Berry Plastics Corporation	Notes	07/15/23	5.125%	340,000	333,733	354,025
BG Energy Capital PLC	Bonds	10/15/21	4.000%	425,000	421,642	450,759
Bill Barrett Corporation	Notes	10/15/22	7.000%	588,000	562,493	496,860
Bill Barrett Corporation	Notes	06/15/25	8.750%	85,000	81,175	71,400
Biogen, Incorporated	Notes	09/15/22	3.625%	115,000	114,908	120,274
BJs Wholesale Club	Notes	n/a	n/a	455,000	452,637	455,000
Bk Nederlandse Gemeenten	Notes	07/14/17	Var%	3,114,000	3,114,182	3,113,969
BMW US Capital, LLC	Notes	04/06/20	2.150%	215,000	214,708	215,998
Boyd Gaming Corporation	Bonds	04/01/26	6.375%	475,000	489,031	513,594
Boyd Gaming Corporation	Bonds	05/15/23	6.875%	210,000	226,875	224,700
BP Capital Markets PLC	Bonds	11/28/23	3.216%	390,000	390,000	396,072
Burlington North Santa Fe	Notes	04/01/44	4.900%	55,000	58,585	64,194
BWAY Holding Company	Notes	04/15/24	5.500%	365,000	365,394	372,756
Calatlantic Group, Inc.	Bonds	06/01/26	5.250%	405,000	406,820	420,187
Calatlantic Group, Inc.	Bonds	06/15/27	5.000%	270,000	270,113	270,675
Calpine Corporation	Bonds	n/a	n/a	1,090,660	1,091,089	1,090,660
Calpine Corporation	Notes	01/15/22	6.000%	175,000	183,163	180,906
Calpine Corporation	Notes	01/15/23	5.375%	1,225,000	1,126,450	1,194,375
Canadian Natural Resources	Notes	06/01/47	4.950%	595,000	594,536	603,860
Capital One Bank USA	Notes	02/15/23	3.375%	835,000	836,728	842,131
Capital One Multi-Asset	Notes	07/15/20	1.480%	1,685,000	1,686,897	1,685,455
Capital One NA Ser BKNT	Notes	01/30/23	Var%	1,010,000	1,010,000	1,015,828
Cardinal Health, Inc.	Notes	06/15/24	3.079%	210,000	210,000	210,506
Caterpillar Financial	Notes	08/20/21	2.750%	280,000	279,434	283,542
Caterpillar Financial	Notes	01/10/20	2.100%	60,000	59,934	60,398
CCO Holdings LLC	Notes	09/30/22	5.250%	850,000	859,886	874,990
CCO Holdings LLC	Notes	05/01/23	5.125%	875,000	914,332	918,750
CCO Holdings LLC	Notes	05/01/27	5.125%	220,000	221,494	224,950
CCO Holdings LLC	Notes	05/01/27	5.875%	640,000	643,298	684,000
CCO Holdings LLC	Notes	02/15/26	5.750%	1,085,000	1,117,619	1,160,950
CDW LLC/CDC Finance	Notes	09/01/23	5.000%	235,000	245,569	244,694
CDW LLC/CDC Finance	Notes	09/01/25	5.000%	215,000	215,600	223,062
Cedar Fair LP	Notes	04/15/27	5.375%	265,000	265,900	279,575
Cenovus Energy, Inc.	Notes	04/15/27	4.250%	1,090,000	1,043,333	1,038,367
Centurylink Escrow	Notes	n/a	n/a	435,000	432,825	435,000
Centurylink Escrow	Notes	06/15/21	6.450%	410,000	444,375	442,800
Centurylink Escrow	Notes	12/01/23	6.750%	245,000	246,256	263,836
Cequel Com Holding I	Bonds	12/15/21	5.125%	792,000	758,699	805,860
Cequel Com Holding I	Bonds	09/15/20	6.375%	680,000	699,207	693,600
CF Industries, Inc.	Bonds	03/15/44	5.375%	300,000	265,131	267,750
Chase Issuance Trust	Bonds	11/15/19	1.380%	290,000	290,136	290,023
Chase Issuance Trust	Bonds	09/16/19	1.060%	185,000	184,798	184,878
Cheniere Energy	Bonds	03/31/25	5.875%	675,000	708,962	719,719
Cheniere Energy	Bonds	06/30/27	5.125%	530,000	532,662	543,250
Chesapeake Energy Corporation	Notes	02/15/21	6.125%	345,000	220,312	338,100
Chesapeake Energy Corporation	Notes	06/15/21	5.375%	315,000	172,089	294,525
Chesapeake Energy Corporation	Notes	01/15/25	8.000%	920,000	937,190	910,800
Chesapeake Midstream	Notes	06/15/27	8.000%	155,000	155,000	152,287
Chevron Corp	Notes	03/03/24	2.895%	430,000	430,000	433,487
CHS Community Health Systems	Notes	07/15/20	7.125%	130,000	124,200	126,588

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CHS Community Health Systems	Notes	02/01/22	6.875%	400,000	351,869		349,500
Citigroup, Incorporated	Notes	02/15/19	5.500%	114,000	121,017		119,700
Citigroup, Incorporated	Notes	02/19/19	3.875%	675,000	685,112		691,875
Citibank Credit Card Issuance	Bonds	09/20/19	5.650%	180,000	185,091		181,589
Citigroup, Incorporated	Notes	06/12/20	2.100%	425,000	424,817		425,136
Citigroup, Incorporated	Notes	01/14/22	4.500%	475,000	521,441		510,772
Citigroup, Incorporated	Notes	04/27/18	Var%	810,000	810,000		812,876
Citigroup, Incorporated	Notes	01/10/20	Var%	645,000	645,000		649,663
Citigroup, Incorporated	Notes	01/12/26	3.700%	155,000	154,794		156,765
Citigroup, Incorporated	Notes	10/21/26	3.200%	1,245,000	1,189,324		1,210,787
Citigroup, Incorporated	Notes	05/01/26	3.400%	270,000	269,638		267,092
Citizens Communications Company	Notes	08/15/31	9.000%	1,558,000	1,500,572		1,250,295
Clear Channel Communications	Notes	03/01/21	11.250%	596,000	572,810		449,235
CNH Industrial Capital	Notes	07/15/19	3.375%	235,000	238,044		238,819
CNH Industrial Capital	Notes	04/01/21	4.875%	290,000	296,206		308,125
CNH Industrial Capital	Notes	04/05/22	4.375%	355,000	358,269		371,508
CNH Industrial Capital	Notes	08/15/23	4.500%	310,000	310,956		329,375
Coca Cola Femsa SAB	Notes	11/26/18	2.375%	190,000	189,751		190,946
Cold Storage Trust	Notes	04/15/24	Var%	345,000	345,103		345,642
Columbia HCA Healthcare, Incorporated	Notes	06/15/25	7.690%	760,000	731,812		881,600
Columbia HCA Healthcare, Incorporated	Notes	12/01/27	7.050%	100,000	74,000		112,000
Comcast Corporation	Notes	08/15/35	4.400%	405,000	404,753		435,351
Commscope Finance	Notes	06/15/25	6.000%	435,000	441,156		464,362
Communications Sales & Leasing Inc	Notes	04/15/23	6.000%	230,000	242,500		239,343
Communications Sales & Leasing Inc	Notes	10/15/23	8.250%	670,000	680,654		690,100
Concho Resources, Incorporated	Notes	04/01/23	5.500%	285,000	266,785		292,837
ConocoPhillips	Notes	11/15/34	4.150%	280,000	279,885		281,372
Cons Edison Company of New York	Notes	03/15/44	4.450%	350,000	349,706		383,253
Continental Resources	Notes	04/15/23	4.500%	225,000	191,569		214,875
Continental Resources	Notes	06/01/24	3.800%	565,000	474,166		517,325
Continental Resources	Notes	06/01/44	4.900%	260,000	226,320		217,100
Corp Andina De Fomento	Bonds	05/10/19	2.000%	820,000	819,926		822,296
Corp Andina De Fomento	Bonds	01/29/18	Var%	1,350,000	1,350,000		1,350,405
Cowlitz Tribal	Bonds	n/a	n/a	605,000	563,200		605,000
Cred Suis GP Funding Limited	Notes	04/16/21	3.450%	280,000	279,989		287,431
Crestwood Mistream Partners	Bonds	04/01/23	6.250%	835,000	861,289		847,525
Crestwood Mistream Partners	Notes	04/01/25	5.750%	330,000	330,000		329,175
CSC Holdings Incorporated	Notes	n/a	n/a	255,816	258,106		255,816
CSC Holdings Incorporated	Notes	07/15/18	7.625%	475,000	523,614		501,125
CSC Holdings Incorporated	Notes	04/15/27	5.500%	230,000	230,919		243,225
CVS Health Corporation	Notes	07/20/22	3.500%	45,000	44,981		46,668
Daimler Finance NA LLC	Notes	08/01/18	2.375%	385,000	384,045		387,464
Daimler Finance NA LLC	Notes	01/06/20	2.300%	200,000	199,908		200,640
Davita Healthcare Partners	Notes	07/15/24	5.125%	345,000	343,677		350,175
Davita, Incorporated	Notes	08/15/22	5.750%	380,000	398,518		390,450
DCP Midstream LLC	Notes	12/01/17	2.500%	635,000	629,003		634,206
DCP Midstream LLC	Notes	03/15/19	9.750%	170,000	190,800		189,975
DCP Midstream LLC	Notes	03/15/20	5.350%	225,000	227,619		234,000
DCP Midstream LLC	Notes	09/30/21	4.750%	230,000	229,319		234,600
DCP Midstream LLC	Notes	11/03/36	6.450%	295,000	306,462		311,225
DCP Midstream LLC	Notes	09/15/37	6.750%	535,000	565,225		575,125
DCP Midstream LLC	Notes	05/21/43	Var%	535,000	483,275		494,875
DCP Midstream LLC	Notes	04/01/44	5.600%	290,000	264,486		273,325
Dexia Credit Local SA NY	Bonds	06/05/18	Var%	3,175,000	3,175,000		3,169,063

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
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Form 5500, Schedule H, Line 4i

EIN: 52-6152779
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(c) Description of investment, including maturity date, rate of interest,
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(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest	(d)		(e) Current Value
				Cost		
Diamond 1 Finance	Notes	06/01/19	3.480%	605,000	604,849	619,145
Diamond 1 Finance	Notes	06/15/26	6.020%	800,000	867,106	881,208
Diamond 1 Finance	Notes	06/15/21	5.875%	590,000	623,788	618,025
Digital Realty Trust LP	Notes	07/01/22	3.950%	1,415,000	1,404,189	1,483,245
Discover Bank	Notes	07/27/26	3.450%	340,000	339,629	328,845
Dish DBS Corporation	Notes	06/01/21	6.750%	630,000	695,692	699,300
Dish DBS Corporation	Notes	11/15/24	5.875%	870,000	854,472	928,264
Dish DBS Corporation	Notes	07/01/26	7.750%	320,000	325,163	379,200
Dollar Tree, Inc.	Notes	03/01/23	5.750%	825,000	838,456	870,622
Dominion Resources, Inc.	Notes	08/15/19	1.600%	165,000	164,985	163,602
Donnelly RR & Sons	Notes	06/15/20	7.625%	743,000	762,490	826,587
Donnelly RR & Sons	Notes	11/15/23	6.500%	369,000	337,633	368,077
Donnelly RR & Sons	Notes	04/01/24	6.000%	358,000	331,903	348,603
Dow Chemical	Notes	11/15/22	3.000%	535,000	525,723	545,309
DTE Energy Company	Bonds	10/01/19	1.500%	180,000	179,775	177,305
Duke Energy	Notes	01/15/27	3.200%	230,000	229,862	232,944
Duke Energy	Notes	08/16/30	8.125%	150,000	166,787	176,625
Dynegy, Incorporated	Notes	06/01/23	5.875%	360,000	323,125	336,600
Dynegy, Incorporated	Notes	11/01/24	7.625%	350,000	331,488	339,500
Eastman Chemical Company	Notes	01/15/20	2.700%	310,000	309,352	314,086
ECAF 1 Limited	Bonds	06/15/40	3.473%	359,015	359,015	353,752
E.I. Du Pont De Nemours	Bonds	05/01/20	2.200%	110,000	109,879	110,597
Embarq Corporation	Notes	06/01/36	7.995%	1,965,000	2,049,738	1,984,650
EMC Corporation	Notes	06/01/18	1.875%	1,350,000	1,334,159	1,342,426
EMD Finance LLC	Notes	03/19/20	2.400%	460,000	459,458	462,935
EMD Finance LLC	Notes	03/19/20	2.400%	1,240,000	1,239,938	1,247,911
Endo Finance LLC	Notes	01/15/23	5.375%	870,000	820,280	726,450
Endo Finance LLC	Notes	02/01/25	6.000%	540,000	509,676	440,100
Energizer Holdings, Incorporated	Notes	05/19/21	4.700%	566,000	577,400	602,790
Energizer Holdings, Incorporated	Notes	05/24/22	4.700%	490,000	500,563	523,075
Energy Transfer Equity	Notes	10/15/20	7.500%	610,000	670,277	681,675
Energy Transfer Equity	Notes	01/15/24	5.875%	605,000	618,369	641,300
Energy Transfer Equity	Notes	06/01/27	5.500%	375,000	326,099	388,125
Energy Transfer Partners	Notes	10/01/20	4.150%	480,000	479,179	498,533
EnSCO PLC	Notes	10/01/44	5.750%	620,000	627,918	406,100
Envision Healthcare Corporation	Bonds	n/a	n/a	417,900	413,721	417,900
EP Energy EP Company LP	Notes	05/01/20	9.375%	1,702,000	1,136,188	1,342,452
EP Energy EP Company LP	Notes	09/01/22	7.750%	355,000	246,616	209,450
EP Energy EP Company LP	Notes	06/15/23	6.375%	1,860,000	911,306	1,092,750
Equinix, Incorporated	Notes	01/15/26	5.875%	405,000	412,525	441,576
ESC Energy Conversion	Bonds	06/15/13	3.000%	7,408,000	726,209	74
ESC MMC Energy, Incorporated	Bonds	10/15/20	8.875%	265,000	1	27
ESH Hospitality, Incorporated	Notes	05/01/25	5.250%	1,015,000	1,018,206	1,051,794
ESH Hospitality, Incorporated	Notes	n/a	n/a	352,342	350,576	352,342
Exelon Corporation	Notes	06/15/25	3.950%	235,000	234,518	243,187
Exelon Corporation	Notes	04/15/21	2.450%	72,000	71,983	71,802
Export-Import Bk Korea	Bonds	08/14/17	Var%	2,085,000	2,089,764	2,084,896
Extraction Oil & Gas	Bonds	07/15/21	7.875%	380,000	390,430	390,450
Ferrell Gas LP	Notes	06/15/23	6.750%	710,000	683,456	662,075
Ferrell Gas LP	Notes	01/15/22	6.750%	665,000	658,721	625,100
First Data Corporation	Bonds	n/a	n/a	1,096,321	1,093,155	1,096,321
First Data Corporation	Notes	12/01/23	7.000%	595,000	599,803	635,163
First Data Corporation	Notes	01/15/24	5.000%	675,000	683,487	694,190
First Quantum Minerals	Notes	02/15/21	7.000%	1,200,000	1,128,932	1,230,000

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First Quantum Minerals	Notes	05/15/22	7.250%	880,000	891,075	899,800
Flextronics International Limited	Notes	02/15/23	5.000%	245,000	247,490	267,878
Florida Power Corporation	Notes	11/15/42	3.850%	70,000	69,778	70,129
Florida State Hurricane	Notes	07/01/20	2.995%	1,120,000	1,120,000	1,144,752
FMG Resources	Bonds	03/01/22	9.750%	840,000	975,031	956,550
FMG Resources	Bonds	05/15/22	4.750%	165,000	165,000	165,619
FMG Resources	Bonds	05/15/24	5.125%	185,000	185,113	185,000
Ford Credit Auto Owner Trust	Bonds	11/15/25	2.260%	535,000	534,867	539,906
Ford Credit Auto Owner Trust	Bonds	07/15/26	2.150%	360,000	359,872	361,422
Ford Credit Floorplan	Bonds	05/15/22	2.250%	370,000	369,936	370,067
Ford Credit Floorplan	Bonds	08/15/19	1.400%	455,000	454,870	454,995
Ford Motor Credit Company LLC	Notes	11/04/19	2.597%	340,000	340,000	342,261
Ford Motor Credit Company LLC	Notes	01/09/20	2.681%	875,000	875,000	881,186
Ford Motor Credit Company LLC	Notes	01/09/18	Var%	265,000	265,000	265,814
Ford Motor Credit Company LLC	Notes	06/12/20	2.425%	450,000	450,000	449,856
Ford Motor Credit Company LLC	Notes	06/15/18	Var%	945,000	945,000	949,574
Ford Motor Credit Company LLC	Notes	03/18/21	3.336%	665,000	665,000	677,841
Freeport McMoran, Incorporated	Notes	03/15/23	3.875%	905,000	807,608	841,650
Freeport McMoran, Incorporated	Notes	03/15/18	2.375%	545,000	542,875	542,275
Freeport McMoran, Incorporated	Notes	11/14/21	4.000%	150,000	114,406	146,625
Freeport McMoran, Incorporated	Notes	03/15/43	5.450%	490,000	422,000	422,527
Freeport McMoran, Incorporated	Notes	11/14/34	5.400%	635,000	411,868	569,913
Fresenius Med Care US	Notes	09/15/18	6.500%	650,000	696,519	682,903
Fresenius Med Care II	Notes	01/31/22	5.875%	315,000	347,383	348,863
Fresenius Med Care II	Notes	10/15/24	4.750%	235,000	237,606	246,750
Frontier Communications	Notes	10/01/18	8.125%	210,000	224,063	221,813
Frontier Communications	Notes	01/15/23	7.125%	245,000	208,740	203,962
Frontier Communications	Notes	04/15/24	7.625%	355,000	299,200	292,431
Frontier Communications	Notes	09/15/25	11.000%	2,985,000	2,964,575	2,768,587
Gannett Company, Incorporated	Notes	07/15/20	5.125%	435,000	428,762	445,875
Gannett Company, Incorporated	Notes	10/15/19	5.125%	740,000	732,500	756,650
GCB Targa Resources Partners	Notes	11/15/23	4.250%	690,000	666,703	673,612
General Electric Company	Notes	03/11/44	4.500%	130,000	151,798	144,423
General Motors Finance Company	Notes	11/24/20	3.700%	450,000	449,676	465,601
General Motors Finance Company	Notes	04/13/20	Var%	2,075,000	2,084,059	2,085,603
General Nutrition Centers	Notes	n/a	n/a	454,612	391,846	454,612
George Washington University	Bonds	09/15/22	3.485%	230,000	230,000	238,503
Georgia Power Company	Bonds	03/30/27	3.250%	1,050,000	1,028,885	1,046,797
Gilead Sciences, Incorporated	Notes	09/01/22	3.250%	180,000	179,746	186,131
Gilead Sciences, Incorporated	Notes	03/01/47	4.150%	130,000	129,068	130,606
GLP Capital LP	Notes	11/01/18	4.375%	125,000	127,975	127,812
GLP Capital LP	Notes	11/01/20	4.875%	945,000	976,467	1,007,606
GLP Capital LP	Notes	11/01/23	5.375%	710,000	740,850	772,125
Goldman Sachs Group, Incorporated	Notes	11/15/18	Var%	3,225,000	3,269,075	3,258,508
Goldman Sachs Group, Incorporated	Notes	11/29/23	Var%	202,000	202,000	208,508
Goldman Sachs Group, Incorporated	Notes	07/27/21	5.250%	860,000	861,746	942,603
Goldman Sachs Group, Incorporated	Notes	02/25/21	2.875%	100,000	100,481	101,072
Goldman Sachs Group, Incorporated	Notes	02/25/21	Var%	254,000	262,118	263,284
Goldman Sachs Group, Incorporated	Notes	02/25/26	3.750%	190,000	189,561	193,468
Goldman Sachs Group, Incorporated	Notes	11/16/26	3.500%	425,000	410,087	422,748
Gray Television, Inc.	Notes	07/15/26	5.875%	145,000	149,281	147,900
Gray Television, Inc.	Notes	10/15/24	5.125%	370,000	368,381	373,700
Guardian Life Global Fund	Notes	10/27/21	1.950%	275,000	274,818	269,126
Halcon Resources Corporation	Notes	02/15/25	6.750%	540,000	530,481	486,000

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Hanesbrands, Incorporated	Notes	05/15/26	4.875%	590,000	592,759	598,850
Harland Clarke Holdings	Notes	08/15/22	8.375%	225,000	237,231	239,625
Harland Clarke Holdings	Notes	n/a	n/a	323,102	323,102	323,102
HCA, Incorporated	Notes	03/15/24	5.000%	1,145,000	1,180,311	1,212,269
HCA, Incorporated	Notes	04/15/25	5.250%	580,000	618,852	623,500
HCA, Incorporated	Notes	02/01/25	5.375%	500,000	514,147	527,400
HCA, Incorporated	Notes	02/15/26	5.875%	635,000	676,350	685,800
HCA, Incorporated	Notes	02/15/27	4.500%	420,000	420,506	432,075
HCA, Incorporated	Notes	02/15/20	6.500%	315,000	350,479	343,744
HCA, Incorporated	Notes	03/15/22	5.875%	215,000	235,268	238,381
HCA, Incorporated	Notes	05/01/23	4.750%	760,000	788,960	803,700
HD Supply, Incorporated	Notes	12/15/21	5.250%	670,000	697,878	703,085
HD Supply, Incorporated	Notes	04/15/24	5.750%	270,000	271,050	286,875
Hertz Corporation	Notes	10/15/24	5.500%	1,510,000	1,360,944	1,238,200
Hilton Worldwide Finance	Bonds	n/a	n/a	486,145	488,266	486,145
Home Depot, Incorporated	Notes	06/01/22	2.625%	400,000	398,528	406,048
Honda Auto Receivables Owner Trust	Bonds	06/18/18	1.010%	6,997	6,997	6,994
Honda Auto Receivables Owner Trust	Bonds	09/17/18	1.130%	188,433	188,427	188,339
HSBC Holdings PLC	Notes	01/05/22	2.650%	345,000	343,109	344,203
HSBC Holdings PLC	Notes	11/23/26	4.375%	210,000	208,580	217,900
HSBC Holdings PLC	Notes	03/08/26	4.300%	200,000	199,710	211,998
HSBC Holdings PLC	Notes	05/25/23	3.600%	380,000	379,859	392,696
Hudbay Minerals, Inc.	Notes	01/15/23	7.250%	155,000	159,875	159,844
Hudbay Minerals, Inc.	Notes	01/15/25	7.625%	430,000	445,844	450,425
Hughes Satellite Systems	Notes	06/15/19	6.500%	323,000	356,615	348,840
Humana, Incorporated	Notes	10/01/24	3.850%	350,000	349,534	363,738
IASIS Healthcare	Notes	05/15/19	8.375%	1,620,000	1,634,318	1,628,100
Icahn Enterprises	Notes	03/15/19	4.875%	730,000	735,761	737,300
IHS Markit LTD	Notes	11/01/22	5.000%	1,065,000	1,087,204	1,149,529
Illinois Tool Works, Inc.	Notes	11/15/26	2.650%	100,000	99,685	97,656
Inception Mgr/Rackspace	Notes	11/15/24	8.625%	845,000	863,123	899,925
Infor Software Parent	Notes	05/01/21	7.125%	654,000	642,383	673,620
Intel Corporation	Bonds	05/11/24	2.875%	1,540,000	1,539,615	1,545,837
Intelsat Jackson Holdings	Notes	08/01/23	5.500%	220,000	184,012	182,050
Intelsat Luxembourg SA	Notes	06/01/21	7.750%	1,110,000	1,020,462	610,500
Intelsat Luxembourg SA	Notes	06/01/23	8.125%	575,000	499,677	303,312
International Paper Company	Notes	09/15/35	5.000%	155,000	153,898	169,516
International Track Systems	Notes	02/15/20	5.625%	15,000	16,050	15,947
International Track Systems	Notes	02/15/22	6.250%	355,000	387,400	387,837
Ipalco Enterprises, Incorporated	Notes	05/01/18	5.000%	705,000	732,898	716,456
Iron Mountain US Holdings	Bonds	06/01/26	5.375%	125,000	131,125	131,250
Iron Mountain, Incorporated	Bonds	08/15/24	5.750%	550,000	541,206	561,000
Iron Mountain, Incorporated	Notes	08/15/23	6.000%	835,000	892,173	887,187
J2 Cloud LLC	Notes	07/15/25	6.000%	385,000	389,156	396,550
Jaguar HL/PPDI	Notes	08/01/23	6.375%	384,396	384,924	405,090
Johnson Controls Int'l	Bonds	02/14/26	3.900%	290,000	292,862	303,636
JP Morgan Chase & Company	Notes	01/15/18	6.000%	1,155,000	1,121,459	1,180,953
JP Morgan Chase & Company	Bonds	09/10/24	3.875%	385,000	381,658	397,220
JP Morgan Chase & Company	Notes	05/18/23	2.700%	370,000	369,016	365,945
JP Morgan Chase & Company	Notes	05/18/23	2.700%	955,000	952,460	944,533
JP Morgan Chase Bank	Bonds	09/21/18	Var%	640,000	640,000	641,971
KFC Holdings/Pizza Hut	Notes	06/01/26	5.250%	660,000	670,375	694,650
KFC Holdings/Pizza Hut	Notes	06/01/27	4.750%	405,000	405,300	413,606
Kinder Morgan, Incorporated	Notes	06/01/25	4.300%	495,000	493,010	514,642

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Kommunalbanken AS	Notes	02/20/18	Var%	2,062,000	2,070,321	2,063,918
Kraft Foods Group, Incorporated	Notes	06/06/22	3.500%	115,000	113,965	118,818
Kraft Heinz Foods Company	Notes	06/01/46	4.375%	345,000	343,910	337,869
Kroger Company	Notes	11/01/21	2.950%	165,000	164,947	166,369
Kronos Acquisition Holdings	Notes	08/15/23	9.000%	115,000	114,425	114,712
L Brands, Incorporated	Notes	10/15/23	5.625%	120,000	126,919	128,100
Lamar Media Corporation	Notes	02/01/26	5.750%	185,000	191,137	199,338
Lennar Corporation	Notes	12/15/17	4.750%	795,000	824,771	800,962
Lennar Corporation	Notes	11/15/22	4.750%	815,000	796,318	865,937
Lennar Corporation	Notes	05/30/25	4.750%	155,000	159,262	161,975
Lennar Corporation	Notes	12/15/23	4.875%	570,000	596,644	605,984
Level 3 Communications	Bonds	n/a	n/a	235,000	234,412	235,000
Level 3 Financing, Incorporated	Notes	05/01/23	5.125%	565,000	571,254	586,538
Level 3 Financing, Incorporated	Notes	08/15/22	5.375%	100,000	104,625	103,000
Level 3 Financing, Incorporated	Notes	01/15/24	5.375%	430,000	435,917	448,812
Liberty Interactive LLC	Notes	07/15/29	8.500%	405,000	453,612	450,563
Lifepoint Health, Incorporated	Notes	12/01/23	5.875%	280,000	280,844	295,400
Lstar Commercial Mortgage Trust	Bonds	01/20/41	4.205%	155,000	154,994	155,228
Mallinckrodt Finance	Notes	04/15/25	5.500%	250,000	242,571	218,750
Manitowoc Foodservice Term B Loan	Notes	02/15/24	9.500%	280,000	283,084	324,800
Mass Mutual Life Insurance Company	Notes	06/01/39	8.875%	23,000	27,189	37,686
Mass Mutual Global Funding	Notes	04/13/22	2.500%	1,000,000	995,530	996,740
Match Group	Bonds	n/a	n/a	266,698	258,750	266,698
Macquarie Bank Limited	Notes	10/27/17	Var%	850,000	850,000	851,428
MDC Partners, Inc.	Notes	05/01/24	6.500%	675,000	655,088	673,312
Medtronic, Incorporated	Notes	03/15/24	3.625%	195,000	194,622	205,275
Mercedes Benz Auto Lease Trust	Notes	04/15/20	1.790%	650,000	649,985	650,683
Meritage Homes Corporation	Notes	06/01/25	6.000%	275,000	284,300	294,250
Met Life Global Funding	Notes	12/18/26	3.450%	435,000	434,709	445,866
MGM Growth Properties	Bonds	05/01/24	5.625%	265,000	265,925	288,850
MGM Resorts International	Notes	02/01/19	8.625%	810,000	930,360	891,000
MGM Resorts International	Notes	03/15/22	7.750%	200,000	236,131	234,750
MGM Resorts International	Notes	12/15/21	6.625%	240,000	264,406	269,400
Micron Technology, Incorporated	Notes	08/01/23	5.250%	360,000	326,844	373,860
Micron Technology, Incorporated	Notes	01/15/26	5.625%	210,000	194,113	218,400
Micron Technology, Incorporated	Notes	02/01/25	5.500%	255,000	230,475	269,025
Microsoft Corporation	Notes	02/12/35	3.500%	305,000	301,492	307,516
Microsoft Corporation	Notes	02/06/37	4.100%	580,000	578,741	624,730
Midamerican Energy Company	Notes	10/15/36	5.800%	320,000	244,509	402,134
Midamerican Energy Company	Notes	08/01/47	3.950%	235,000	234,669	241,662
Molson Coors Brewing Company	Notes	03/15/20	2.250%	546,000	545,541	546,011
Momentive Performance	Notes	10/24/21	3.880%	265,000	230,149	263,013
Mondelez Int'l Holdings	Notes	10/28/21	2.000%	750,000	747,233	730,740
Morgan Stanley	Notes	07/27/26	3.125%	80,000	79,456	77,780
Morgan Stanley	Notes	11/07/21	2.625%	550,000	547,190	549,192
Morgan Stanley	Notes	02/25/23	3.750%	695,000	700,222	722,668
Morgan Stanley	Notes	04/01/21	2.500%	250,000	249,160	249,807
Morgan Stanley	Notes	05/13/19	7.300%	100,000	114,477	109,327
MPH Acquisition	Bonds	n/a	n/a	228,548	227,371	228,548
MPH Acquisition	Notes	06/01/24	7.125%	360,000	361,106	383,850
MPT Oper Partnership	Notes	05/01/24	5.500%	890,000	924,194	930,050
MPT Oper Partnership	Notes	03/01/24	6.375%	715,000	745,888	777,655
MPT Oper Partnership	Notes	08/01/26	5.250%	660,000	669,376	686,129
MSCI, Incorporated	Notes	11/15/24	5.250%	605,000	626,700	641,300

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(e)	
					(d) Cost	Current Value
MSCI, Incorporated	Notes	08/15/25	5.750%	615,000	616,312	666,119
Municipal Elec Authority GA	Bonds	04/01/57	6.637%	275,000	299,377	337,587
Municipal Elec Authority GA	Bonds	04/01/57	6.655%	540,000	541,134	659,664
National Australia Bank	Notes	05/22/20	Var%	1,270,000	1,272,507	1,272,235
Navient Corporation	Notes	10/25/24	5.875%	495,000	498,937	503,811
NBC Universal Enterprise COGT	Notes	04/01/21	Var%	2,040,000	2,040,000	2,045,141
NBTY, Incorporated	Notes	05/15/21	7.625%	1,015,000	1,041,778	1,078,437
NCL Corporation	Notes	12/15/21	4.750%	645,000	645,719	669,504
NCL Corporation	Notes	11/15/20	4.625%	340,000	347,669	349,034
Neptune Finco Corporation	Notes	10/15/25	10.875%	1,305,000	1,497,875	1,570,894
Netflix, Incorporated	Notes	02/15/22	5.500%	410,000	426,738	445,231
Netflix, Incorporated	Notes	11/15/26	4.375%	260,000	259,931	259,350
New York Life Global Funding	Notes	01/02/19	2.100%	265,000	264,695	266,280
New York Life Insurance	Bonds	11/15/39	6.750%	165,000	214,460	231,764
Newfield Exploration Company	Notes	01/01/26	5.375%	525,000	471,962	543,375
Nielsen Finance LLC	Notes	10/01/20	4.500%	445,000	455,486	451,800
Nielsen Finance LLC	Notes	04/15/22	5.000%	1,440,000	1,480,452	1,494,000
Nissan Auto	Notes	05/15/19	1.070%	87,788	87,784	87,675
Noble Energy, Incorporated	Notes	03/01/41	6.000%	185,000	183,772	207,013
Noble Energy, Incorporated	Notes	12/15/21	4.150%	400,000	405,515	421,476
Northrop Grumman Corporation	Notes	08/01/23	3.250%	300,000	298,386	310,272
Northwestern Mutual Life	Notes	03/30/40	6.063%	215,000	247,807	279,672
Nova Chemicals Corporation	Notes	05/01/25	5.000%	630,000	633,073	626,850
Nova Chemicals Corporation	Notes	06/01/24	4.875%	415,000	414,962	413,444
Nova Chemicals Corporation	Notes	06/01/27	5.250%	615,000	614,962	611,925
Novelis Corporation	Notes	09/30/26	5.875%	465,000	466,401	478,950
NRG Energy, Incorporated	Notes	01/15/27	6.625%	1,470,000	1,439,681	1,471,837
NRG Energy, Incorporated	Notes	03/15/23	6.625%	740,000	734,547	760,350
NRG Energy, Incorporated	Notes	07/15/22	6.250%	550,000	550,642	564,437
NRG Energy, Incorporated	Notes	05/15/26	7.250%	1,130,000	1,137,711	1,169,550
Nuance Communications	Notes	08/15/20	5.375%	220,000	223,300	223,575
Nuance Communications	Notes	07/01/24	6.000%	840,000	851,025	894,600
Numericable Group SA	Notes	05/01/26	7.375%	1,425,000	1,437,250	1,546,125
Numericable Group SA	Notes	05/15/22	6.000%	2,490,000	2,513,601	2,605,162
Nustar Logistics	Notes	09/01/20	4.800%	220,000	231,656	228,800
Nustar Logistics	Notes	04/28/27	5.625%	320,000	324,987	336,000
NXP BV	Bonds	n/a	n/a	400,000	420,519	421,200
Oasis Petroleum, Incorporated	Notes	11/01/21	6.500%	155,000	156,338	150,350
Oasis Petroleum, Incorporated	Notes	03/15/22	6.875%	700,000	689,440	679,000
Onemain Financial Holdings, Inc.	Notes	12/15/21	7.250%	495,000	520,901	521,359
Oneok, Inc.	Notes	06/15/35	6.000%	370,000	363,988	398,231
Open Text Corporation	Notes	06/01/26	5.875%	615,000	616,162	661,506
Oracle Corporation	Notes	05/15/35	3.900%	525,000	521,456	541,002
Pacific Gas & Electric	Notes	11/30/17	5.625%	410,000	382,000	416,732
Park Aerospace Holdings	Notes	08/15/22	5.250%	1,130,000	1,137,472	1,181,212
Park Aerospace Holdings	Notes	02/15/24	5.500%	1,135,000	1,143,238	1,185,508
PDC Energy, Inc.	Notes	09/15/24	6.125%	235,000	242,775	238,525
Peco Energy Company	Notes	10/01/44	4.150%	280,000	279,040	292,096
Penske Automotive Group	Notes	12/01/24	5.375%	200,000	202,394	201,250
Petroleos Mexicanos	Notes	01/23/45	6.375%	340,000	337,457	331,500
Petsmart	Bonds	06/01/25	5.875%	325,000	318,600	313,219
Pfizer, Inc.	Bonds	12/15/36	4.000%	225,000	223,918	237,704
Pharmaceutical Product Development	Bonds	n/a	n/a	237,293	236,170	237,293

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	Description	Maturity Date	Rate of Interest			
	Philadelphia PA Authority	Bonds	04/15/26	3.964%	440,000	442,310
	Philip Morris Int'l, Inc.	Bonds	02/21/20	2.000%	435,000	435,927
	Phillips 66	Notes	04/15/19	Var%	305,000	305,708
	Phillips 66	Notes	02/15/25	3.605%	160,000	158,442
	Plains All Amer Pipeline	Bonds	12/15/26	4.500%	205,000	207,327
	Playa Pacific Partners LLC Second Lien Bond	Bonds	n/a	n/a	23,910,000	-
	PNC Bank NA	Notes	07/02/19	2.250%	280,000	282,047
	PNC Bank NA	Notes	12/09/21	2.550%	250,000	251,625
	Post Holdings, Incorporated	Notes	12/15/22	6.000%	435,000	461,100
	Post Holdings, Incorporated	Notes	03/01/25	5.500%	390,000	402,188
	Post Holdings, Incorporated	Notes	03/01/27	5.750%	375,000	385,313
	PPL Energy Supply LLC	Notes	12/15/21	4.600%	1,595,000	1,212,200
	Precision Drilling Corporation	Notes	11/15/20	6.625%	313,903	306,840
	Precision Drilling Corporation	Notes	12/15/21	6.500%	410,000	401,287
	Precision Drilling Corporation	Notes	11/15/24	5.250%	565,000	492,962
	Presidio LLC	Bonds	n/a	n/a	363,047	363,047
	Prime Sec One MS, Incorporated	Notes	07/15/32	4.875%	460,000	402,500
	Project Homesake Merger	Notes	03/01/23	8.875%	395,000	401,419
	Pub Service New Hamp Mortgage	Notes	11/01/23	3.500%	135,000	140,970
	Pultegroup, Incorporated	Notes	03/01/21	4.250%	365,000	380,513
	Qualcomm, Inc.	Notes	05/20/19	1.850%	215,000	215,490
	QVC, Incorporated	Notes	07/02/22	5.125%	385,000	407,060
	QVC, Incorporated	Notes	08/15/34	5.450%	475,000	452,292
	Rabobank Nederland	Notes	02/08/22	3.875%	145,000	153,829
	Rackspace Hosting	Notes	n/a	n/a	338,850	338,850
	Range Resources Corporation	Notes	08/15/22	5.000%	635,000	623,888
	Range Resources Corporation	Notes	03/15/23	5.000%	585,000	571,837
	Reckitt Benckiser	Bonds	06/26/24	2.750%	475,000	470,972
	Regal Entertainment Group	Notes	03/15/22	5.750%	783,000	818,235
	Regency Energy Partners Company	Notes	04/15/23	5.500%	870,000	900,450
	Reynolds American, Incorporated	Notes	09/15/43	6.150%	115,000	143,601
	Reynolds Group Holdings	Notes	n/a	n/a	917,512	917,512
	Reynolds Group ISS	Notes	02/15/21	6.875%	298,142	306,341
	Reynolds Group ISS	Notes	10/15/20	5.750%	415,000	424,686
	Reynolds Group ISS	Notes	07/15/23	5.125%	665,000	690,769
	Rite Aid Corporation	Notes	04/01/23	6.125%	235,000	230,742
	Rockies Epxress Pipeline	Notes	07/15/38	7.500%	255,000	287,513
	Rockies Epxress Pipeline	Notes	04/15/20	5.625%	690,000	733,125
	Rockies Epxress Pipeline	Notes	04/15/40	6.875%	510,000	555,900
	Rockwell Collins, Inc.	Notes	03/15/24	3.200%	455,000	461,211
	Rose Rock Midstream	Notes	11/15/23	5.625%	905,000	859,750
	RR Donnelly & Sons Company	Notes	03/15/21	7.875%	75,000	81,187
	Ryland Group Company	Notes	10/01/22	5.375%	295,000	317,863
	Sabra Health/Capital Corporation	Notes	02/01/21	5.500%	765,000	795,600
	Sanchez Energy Corporation	Notes	06/15/21	7.750%	170,000	153,850
	Sanchez Energy Corporation	Notes	01/15/23	6.125%	890,000	712,000
	Santander Drive Auto Receivables	Bonds	06/17/19	2.250%	213,818	214,157
	Santander Drive Auto Receivables	Bonds	04/15/19	1.810%	26,786	26,792
	Santander Drive Auto Receivables	Bonds	01/15/20	3.250%	158,880	159,289
	Santander Drive Auto Receivables	Bonds	04/15/20	2.360%	287,390	288,017
	Santander Drive Auto Receivables	Bonds	11/15/19	2.330%	264,519	265,325
	Santander Drive Auto Receivables	Bonds	08/17/20	2.130%	333,897	334,478
	Schaeffler Verwaltung	Notes	09/15/23	4.500%	355,000	360,325
	Schlumberger Holdings Corporation	Notes	12/21/20	3.000%	455,000	463,281

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Scientific Games International	Notes	09/01/20	6.250%	370,000	278,549		366,762
Scientific Games International	Notes	12/01/22	10.000%	460,000	423,600		504,275
Sealed Air Corporation	Notes	09/15/25	5.500%	370,000	377,369		404,225
Seaworld Parks & Entertainment	Notes	n/a	n/a	73,595	73,595		73,595
Sensata Tech UK Fin Company	Notes	02/15/26	6.250%	405,000	416,387		441,450
Service Corp International	Notes	10/01/18	7.625%	235,000	254,400		250,862
Service Corp International	Notes	01/15/22	5.375%	270,000	284,237		278,100
Service Corp International	Notes	05/15/24	5.375%	480,000	492,033		506,952
Servicemaster Company	Notes	n/a	n/a	437,800	437,800		437,800
Shell International	Notes	08/12/23	3.400%	275,000	274,422		285,541
Shell International	Notes	05/11/35	4.125%	550,000	545,413		572,644
Sherwin-Williams Company	Notes	06/01/24	3.125%	330,000	330,161		331,673
Siemens Finance	Notes	05/27/22	2.900%	440,000	440,000		449,002
Siemens Finance	Notes	03/16/20	2.200%	260,000	259,948		261,877
Sinclair Television Group	Bonds	n/a	n/a	171,943	171,291		171,943
Sinclair Television Group	Bonds	04/01/21	5.375%	105,000	107,906		107,887
Sinclair Television Group	Bonds	02/15/27	5.125%	220,000	217,650		212,850
Sirius XM Radio, Incorporated	Notes	05/15/20	4.250%	330,000	332,382		333,788
Sirius XM Radio, Incorporated	Notes	05/15/23	4.625%	90,000	92,588		92,588
Sirius XM Radio, Incorporated	Notes	07/15/24	6.000%	470,000	499,394		499,375
Sirius XM Radio, Incorporated	Notes	07/15/26	5.375%	685,000	694,644		708,975
Six Flags Entertainment	Notes	08/01/27	5.000%	690,000	690,000		695,175
SLM Corporation	Notes	03/25/20	8.000%	230,000	257,269		257,025
SLM Corporation	Notes	06/17/19	4.875%	1,760,000	1,768,442		1,830,400
SLM Corporation	Notes	01/15/19	5.500%	190,000	189,678		197,837
SLM Corporation	Notes	03/25/24	6.125%	250,000	254,969		257,500
SM Energy Company	Notes	01/15/24	5.000%	270,000	192,413		238,950
SM Energy Company	Notes	11/15/22	6.125%	465,000	428,137		441,750
Softbank Group Corp	Notes	04/15/20	4.500%	430,000	444,006		447,024
Southern Company	Notes	09/01/19	2.150%	275,000	274,362		275,124
Southern Company	Notes	07/01/23	2.950%	370,000	369,686		367,628
Spectrum Brands, Incorporated	Notes	07/15/25	5.750%	230,000	242,262		246,698
Springcastle SPV	Notes	04/25/29	3.050%	298,708	298,697		300,468
Springleaf Finance Corporation	Notes	10/01/21	7.750%	230,000	257,200		257,313
Springleaf Finance Corporation	Notes	05/15/22	6.125%	450,000	450,863		474,750
Sprint Corporation	Notes	09/15/23	7.875%	1,310,000	1,325,938		1,506,500
Sprint Corporation	Notes	06/15/24	7.125%	1,900,000	1,673,090		2,113,750
Sprint Nextel Corporation	Notes	11/15/22	6.000%	350,000	281,731		371,000
Standard Pacific Corporation	Notes	01/15/21	8.375%	255,000	273,892		301,538
Station Casinos LLC	Notes	03/01/21	7.500%	195,000	196,072		202,800
Steel Dynamics, Inc.	Notes	10/01/24	5.500%	375,000	398,969		398,437
Summit Mid Holdings	Notes	08/15/22	5.500%	25,000	25,094		24,969
Summit Mid Holdings	Notes	04/15/25	5.750%	740,000	744,262		743,700
Suncor Energy, Incorporated	Notes	12/01/24	3.600%	415,000	411,825		424,628
Symantec Corporation	Bonds	04/15/25	5.000%	370,000	370,750		387,227
Syniverse Holdings	Notes	01/15/22	9.125%	371,000	328,420		369,609
Talen Energy Supply LLC	Notes	06/01/25	6.500%	440,000	401,123		310,200
Talen Energy Supply LLC	Notes	07/15/22	9.500%	155,000	135,332		133,300
Targa Resources Partners LP	Bonds	03/15/24	6.750%	515,000	556,488		553,625
Targa Resources Partners LP	Bonds	02/01/27	5.375%	425,000	432,391		439,875
Targa Resources Partners LP	Bonds	02/01/25	5.125%	740,000	756,601		762,200
Taylor Morrison Comm	Notes	03/01/24	5.625%	444,000	443,128		463,980
Teamhealth, Incorporated	Notes	n/a	n/a	658,350	656,704		658,350
Teck Resources Limited	Notes	01/15/22	4.750%	260,000	168,066		269,100

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Teck Resources Limited	Notes	07/15/41	6.250%	695,000	573,821	721,063
Telecom Italia Capital Company	Notes	09/30/34	6.000%	890,000	899,067	941,050
Telecom Italia Capital Company	Notes	05/30/24	5.303%	420,000	450,975	450,450
Tenet Healthcare Corporation	Notes	11/15/31	6.875%	165,000	158,724	151,800
Tenet Healthcare Corporation	Notes	11/01/18	6.250%	490,000	531,170	516,950
Tenet Healthcare Corporation	Notes	04/01/22	8.125%	220,000	227,841	233,475
Tenet Healthcare Corporation	Notes	03/01/19	5.000%	1,280,000	1,296,020	1,091,557
Tenet Healthcare Corporation	Notes	01/01/22	7.500%	670,000	698,332	726,816
Tenet Healthcare Corporation	Notes	07/15/24	4.625%	556,000	556,056	556,695
Tesoro Logistics LP	Notes	10/15/21	6.125%	350,000	366,450	364,000
Teva Pharmaceuticals	Notes	07/01/23	2.800%	380,000	378,731	369,607
THC Escrow Corporation	Notes	n/a	n/a	693,000	693,056	694,871
Time Warner, Incorporated	Notes	05/15/29	6.625%	94,000	70,968	118,040
Time Warner, Incorporated	Notes	06/01/24	3.550%	240,000	239,779	243,197
T-Mobile USA, Incorporated	Notes	03/01/23	6.000%	1,295,000	1,315,928	1,370,667
Toll Bros Finance Corporation	Notes	04/15/23	4.375%	165,000	166,013	170,693
Toll Bros Finance Corporation	Notes	12/31/18	4.000%	390,000	401,052	399,750
Total Capital International	Notes	02/17/22	2.875%	375,000	378,487	382,016
Toyota Motor Credit Corp	Notes	01/11/22	2.600%	375,000	374,494	378,952
Trans-Canada Pipelines	Notes	03/01/34	4.625%	350,000	348,418	384,073
TSMC Global Limited	Notes	04/03/18	1.625%	235,000	234,843	234,525
Tyson Foods, Inc.	Notes	06/02/27	3.550%	705,000	704,499	713,227
Union Pacific Corporation	Notes	04/15/27	3.000%	210,000	207,077	210,575
United Rentals	Notes	11/15/24	5.750%	225,000	221,031	235,687
UnitedHealth Group, Incorporated	Notes	12/15/21	2.875%	255,000	254,725	260,638
Uniti Group	Notes	12/15/24	7.125%	215,000	216,681	213,119
UnityMedia	Notes	01/15/25	5.000%	435,000	453,912	455,663
Univision Communications	Notes	05/15/23	5.125%	785,000	797,826	792,599
Univision Communications	Notes	09/15/22	6.750%	320,000	336,000	332,800
Univision Communications	Notes	n/a	n/a	681,230	679,957	681,230
Unum Group	Notes	05/15/21	3.000%	145,000	144,684	146,382
UPCB Finance IV Limited	Notes	01/15/25	5.375%	235,000	225,919	245,869
US Bank NA	Notes	10/28/19	2.125%	285,000	284,743	287,120
US West Communications	Bonds	09/15/33	6.875%	910,000	903,209	895,431
USG Corporation	Notes	03/01/25	5.500%	265,000	270,475	281,563
Valeant Pharmaceuticals	Notes	03/01/23	5.500%	1,885,000	1,642,531	1,599,875
Valero Energy Corporation	Notes	09/15/26	3.400%	145,000	143,553	141,845
Verizon Communications	Notes	11/01/34	4.400%	525,000	521,199	520,201
Verizon Communications	Notes	09/15/48	4.522%	120,000	92,503	113,531
Verizon Owners Trust Series	Notes	n/a	n/a	145,000	144,976	144,282
Verizon Owners Trust Series	Notes	n/a	n/a	315,000	314,952	314,950
Virgin Media Finance PLC	Notes	10/15/24	6.000%	215,000	228,706	227,900
Virgin Media Finance PLC	Notes	08/15/26	5.500%	740,000	755,788	775,150
Virginia Electric & Power Company	Notes	08/15/43	4.650%	170,000	169,918	191,729
Visa, Incorporated	Notes	12/14/22	2.800%	95,000	94,868	96,723
Vistra Operations Company	Notes	n/a	n/a	149,250	148,877	149,250
Vodafone Group PLC	Notes	02/19/23	2.950%	180,000	179,167	180,961
VRX Escrow Corporation	Notes	05/15/23	5.875%	2,805,000	2,519,819	2,405,287
VRX Escrow Corporation	Notes	04/15/25	6.125%	455,000	415,258	385,044
Walgreens Boots Alliance	Notes	11/18/44	4.800%	25,000	22,876	26,604
Walgreens Boots Alliance	Notes	11/18/21	3.300%	260,000	259,290	268,083
Wal-Mart Stores, Incorporated	Notes	04/22/44	4.300%	360,000	357,656	398,736
Wells Fargo & Company	Notes	01/22/21	3.000%	430,000	429,273	439,107

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(e)	
					(d) Cost	Current Value
Wells Fargo & Company	Notes	04/22/19	2.125%	195,000	194,587	196,016
Wells Fargo & Company	Notes	07/26/21	2.100%	560,000	559,474	552,490
Wells Fargo & Company	Notes	07/26/21	Var%	1,535,000	1,544,271	1,563,781
Wells Fargo & Company	Notes	01/24/23	3.069%	710,000	710,000	719,947
Wells Fargo & Company	Notes	12/06/19	2.150%	310,000	309,572	311,435
Western Digital Corporation	Notes	04/01/24	10.500%	1,115,000	1,203,359	1,315,343
Whiting Petroleum Corporation	Notes	03/15/19	5.000%	350,000	271,152	347,813
Whiting Petroleum Corporation	Notes	03/15/21	5.750%	565,000	526,294	531,100
Whiting Petroleum Corporation	Notes	04/01/23	6.250%	785,000	662,561	720,237
Wideopenwest Finance	Notes	n/a	n/a	446,625	446,625	446,625
Wideopenwest Finance	Notes	07/15/19	10.250%	550,000	576,485	566,500
Williams Companies	Bonds	01/15/31	7.500%	310,000	340,197	367,350
Williams Companies	Notes	06/24/24	4.550%	285,000	292,988	292,838
Williams Companies	Notes	06/24/44	5.750%	540,000	487,119	557,550
Williams Partners LP	Notes	03/04/44	5.400%	285,000	284,077	301,017
Wind Acquisition	Notes	04/23/21	7.375%	465,000	467,073	483,600
Wind Acquisition	Notes	07/15/20	4.750%	770,000	755,775	778,085
WPX Energy, Inc.	Notes	09/15/24	5.250%	470,000	460,450	446,500
Wynn Las Vegas, LLC	Notes	03/01/25	5.500%	450,000	457,931	473,346
WR Grace & Company	Notes	10/01/21	5.125%	115,000	121,262	123,338
WR Grace & Company	Notes	10/01/24	5.625%	115,000	122,875	122,906
Zayo Group LLC	Notes	05/15/25	6.375%	155,000	168,200	167,302
Zayo Group LLC	Notes	04/01/23	6.000%	230,000	243,950	242,075
Zayo Group LLC	Notes	01/15/27	5.750%	1,040,000	1,074,660	1,088,100
Zebra Technologies Corporation	Notes	10/15/22	7.250%	280,000	293,300	297,500
ZF North America Capital	Notes	04/29/20	4.000%	315,000	327,169	326,025
Ziggo	Notes	01/15/27	5.500%	885,000	886,142	904,045
Total Corporate and Other Notes and Bonds					\$ 354,281,156	\$ 336,133,936

Common & Preferred Stocks

1 800 Flowers COM, Incorporated	Equity	N/A	N/A	34,864	\$ 244,242	\$ 339,924
2U, Incorporated	Equity	N/A	N/A	32,287	888,407	1,514,906
3I Group PLC	Equity	N/A	N/A	159,740	1,338,491	1,877,689
3I Group PLC	Equity	N/A	N/A	73,500	524,965	863,968
A2A SPA	Equity	N/A	N/A	297,401	451,201	494,081
Aalberts Industries NV	Equity	N/A	N/A	29,346	1,022,592	1,168,423
Aaron's, Inc.	Equity	N/A	N/A	21,613	837,292	840,746
Aaron's, Inc.	Equity	N/A	N/A	16,700	510,983	649,630
ABB LTD	Equity	N/A	N/A	74,356	1,734,413	1,836,218
Abbott Laboratories, Incorporated	Equity	N/A	N/A	60,034	2,489,401	2,918,253
ABN Amro Group NV	Equity	N/A	N/A	38,266	-	1,014,407
ABN Amro Group NV	Equity	N/A	N/A	18,200	398,234	482,470
Abraxas Petroleum	Equity	N/A	N/A	232,973	514,086	377,416
Acacia Mining PLC	Equity	N/A	N/A	43,000	-	166,840
ACS Actividades de Construction	Equity	N/A	N/A	42,466	1,375,678	1,640,602
Activision Blizzard, Inc.	Equity	N/A	N/A	53,892	2,651,137	3,102,562
Activision Blizzard, Inc.	Equity	N/A	N/A	400	14,722	23,028
Adidas AG NV	Equity	N/A	N/A	7,254	809,130	1,388,416
Adidas AG NV	Equity	N/A	N/A	18,042	2,841,008	3,453,239
Adient PLC	Equity	N/A	N/A	13,667	677,196	893,548
Adobe Systems, Incorporated	Equity	N/A	N/A	48,094	3,496,992	6,802,415
Adtalem Global Education, Inc.	Equity	N/A	N/A	21,450	699,345	814,028
Aduro Biotech, Incorporated	Equity	N/A	N/A	52,336	596,561	596,630
Advanced Drainage Systems	Equity	N/A	N/A	90,129	2,154,219	1,811,593

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
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Advanced Emissions Solutions	Equity	N/A	N/A	5,216	110,095	47,779
Advanced Energy Industries, Incorporated	Equity	N/A	N/A	2,867	73,360	185,466
Advansix, Inc.	Equity	N/A	N/A	38,164	650,855	1,192,243
Aegon NV	Equity	N/A	N/A	66,000	1,004,848	337,164
Aercap Holdings NV	Equity	N/A	N/A	51,450	2,332,507	2,388,823
Aercap Holdings NV	Equity	N/A	N/A	12,378	555,030	574,711
Aerie Pharmaceuticals, Incorporated	Equity	N/A	N/A	26,921	299,320	1,414,699
Aerojet Rocketdyne Holdings, Incorporated	Equity	N/A	N/A	32,792	573,336	682,074
AES Corporation	Equity	N/A	N/A	271,237	3,216,281	3,013,443
AES Corporation	Equity	N/A	N/A	52,200	625,412	579,942
Aetna, Incorporated	Equity	N/A	N/A	8,000	270,713	1,214,640
Aetna, Incorporated	Equity	N/A	N/A	15,800	2,001,939	2,398,914
Affirmed NV	Equity	N/A	N/A	60,295	218,030	123,605
Aflac, Incorporation	Equity	N/A	N/A	61,227	4,481,563	4,756,113
Aflac, Incorporation	Equity	N/A	N/A	9,700	205,895	753,496
Agilent Technologies	Equity	N/A	N/A	2,000	108,671	118,620
Agios Pharmaceuticals, Incorporated	Equity	N/A	N/A	2,569	67,111	132,175
AIA Group Limited	Equity	N/A	N/A	349,400	1,478,547	2,592,548
AIA Group Limited	Equity	N/A	N/A	32,600	181,023	241,892
Aircastle Limited	Equity	N/A	N/A	34,800	419,584	756,900
Aisin Seiki Company Limited	Equity	N/A	N/A	10,000	384,958	511,225
Akamai Technologies	Equity	N/A	N/A	115,200	5,230,956	5,738,112
Akorn, Incorporated	Equity	N/A	N/A	23,151	585,840	776,485
Alamo Group, Incorporated	Equity	N/A	N/A	5,951	167,345	540,410
Alapis Holding Industrial	Equity	N/A	N/A	357	-	357
Alaska Air Group, Incorporated	Equity	N/A	N/A	11,400	791,556	1,023,264
Alaska Air Group, Incorporated	Equity	N/A	N/A	25,400	2,328,924	2,279,904
Albany International Corporation Class A	Equity	N/A	N/A	16,798	317,496	897,013
Albany Molecular Resh, Incorporated	Equity	N/A	N/A	46,743	686,043	1,014,323
Albemarle Corporation	Equity	N/A	N/A	25,780	2,246,150	2,720,821
Alexion Pharmaceuticals, Incorporated	Equity	N/A	N/A	22,861	3,426,786	2,781,498
Alibaba Group Holdings Limited	Equity	N/A	N/A	13,720	1,159,242	1,933,148
Alibaba Group Holdings Limited	Equity	N/A	N/A	69,808	5,907,889	9,835,947
Alibaba Group Holdings Limited	Equity	N/A	N/A	56,800	5,408,563	8,003,120
Align Technology, Incorporated	Equity	N/A	N/A	57,700	2,097,308	8,661,924
Allergan PLC	Equity	N/A	N/A	26,593	6,900,962	6,464,492
Allergan PLC	Equity	N/A	N/A	9,000	1,744,288	2,187,810
Allete, Incorporated	Equity	N/A	N/A	27,410	1,463,796	1,964,749
Allete, Incorporated	Equity	N/A	N/A	20,389	837,698	1,461,484
Alliance Data Systems Corporation	Equity	N/A	N/A	10,500	2,628,530	2,695,245
Allianz SE	Equity	N/A	N/A	1,202	190,685	237,052
Allianz SE	Equity	N/A	N/A	9,900	1,664,791	1,952,428
Allied Irish Banks	Equity	N/A	N/A	106,950	527,050	622,449
Allscripts Healthcare Solutions, Incorporated	Equity	N/A	N/A	92,376	1,246,008	1,178,718
Allstate Corporation	Equity	N/A	N/A	53,505	2,444,241	4,731,982
Allstate Corporation	Equity	N/A	N/A	15,900	413,592	1,406,196
Allstate Corporation	Equity	N/A	N/A	17,587	850,457	1,555,394
Ally Financial, Incorporated	Equity	N/A	N/A	227,558	4,292,636	4,755,962
Ally Financial, Incorporated	Equity	N/A	N/A	99,577	2,027,176	2,081,159
Alphabet, Incorporated	Equity	N/A	N/A	9,477	5,482,831	8,612,034
Alphabet, Incorporated	Equity	N/A	N/A	12,400	9,876,744	11,268,252
Alphabet, Incorporated	Equity	N/A	N/A	8,060	4,536,275	7,493,221
Alphabet, Incorporated	Equity	N/A	N/A	6,700	4,238,147	6,228,856
Altaba, Inc.	Equity	N/A	N/A	143,300	3,787,089	7,806,984

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Altra Industrial Motion Corporation	Equity	N/A	N/A	35,637	872,559	1,418,353
Altra Industrial Motion Corporation	Equity	N/A	N/A	7,171	99,144	285,406
Amada Company Limited	Equity	N/A	N/A	19,100	179,356	220,420
Amadeus IT Group	Equity	N/A	N/A	8,262	498,241	493,999
AMAG Pharmaceutical, Inc.	Equity	N/A	N/A	17,400	593,683	320,160
Amazon Com, Incorporated	Equity	N/A	N/A	14,876	5,296,518	14,399,968
Amazon Com, Incorporated	Equity	N/A	N/A	23,398	12,735,938	22,649,264
AMC Networks	Equity	N/A	N/A	11,909	703,703	636,060
AMC Networks	Equity	N/A	N/A	8,000	441,164	427,280
American Airlines Group, Incorporated	Equity	N/A	N/A	7,331	332,417	368,896
American Airlines Group, Incorporated	Equity	N/A	N/A	20,200	888,234	1,016,464
American Airlines Group, Incorporated	Equity	N/A	N/A	83,900	4,120,386	4,221,848
American Campus Communities, Incorporated	Equity	N/A	N/A	20,979	647,652	992,307
American Eagle Outfitters, Incorporated	Equity	N/A	N/A	18,416	331,222	221,913
American Eagle Outfitters, Incorporated	Equity	N/A	N/A	53,300	839,729	642,265
American Electric Power, Incorporated	Equity	N/A	N/A	50,411	2,487,163	3,502,052
American Electric Power, Incorporated	Equity	N/A	N/A	19,800	820,240	1,375,506
American Electric Power, Incorporated	Equity	N/A	N/A	17,439	1,012,370	1,211,487
American Express Co.	Equity	N/A	N/A	13,650	1,085,351	1,149,876
American Financial Group, Incorporated	Equity	N/A	N/A	10,900	315,226	1,083,133
American Tower Corporation	Equity	N/A	N/A	33,600	3,601,997	4,445,952
Ameriprise Financial, Incorporated	Equity	N/A	N/A	9,900	430,173	1,260,171
Ameriprise Financial, Incorporated	Equity	N/A	N/A	200	23,163	25,458
Ameriprise Financial, Incorporated	Equity	N/A	N/A	9,300	867,408	1,183,797
Ameris Bancorp	Equity	N/A	N/A	29,166	476,002	1,405,801
Amgen, Incorporated	Equity	N/A	N/A	4,975	891,746	856,844
Amicus Therapeutics, Inc.	Equity	N/A	N/A	62,734	372,137	631,731
Amkor Technology, Incorporated	Equity	N/A	N/A	74,923	875,537	731,998
Amkor Technology, Incorporated	Equity	N/A	N/A	122,500	568,113	1,196,825
Amundi SA	Equity	N/A	N/A	20,858	-	1,509,188
Analog Devices, Inc.	Equity	N/A	N/A	4,400	357,064	342,320
Antero Resources Corporation	Equity	N/A	N/A	22,806	493,773	492,838
Antofagast A PLC	Equity	N/A	N/A	79,901	835,136	832,019
Aozora Bank Limited	Equity	N/A	N/A	38,000	145,718	144,601
Aozora Bank Limited	Equity	N/A	N/A	124,000	392,580	471,856
Apogee Enterprises, Incorporated	Equity	N/A	N/A	12,380	574,371	703,679
Apollo Investment Corporation	Equity	N/A	N/A	121,791	719,833	778,244
Apple, Incorporated	Equity	N/A	N/A	86,219	8,215,421	12,417,260
Apple, Incorporated	Equity	N/A	N/A	28,200	3,027,945	4,061,364
Applied Industrial Technologies, Incorporated	Equity	N/A	N/A	28,349	942,090	1,674,008
Applied Materials, Inc.	Equity	N/A	N/A	95,592	3,282,148	3,948,906
Applied Optoelectronics, Inc.	Equity	N/A	N/A	9,236	568,813	570,692
Arbor Realty Trust, Inc.	Equity	N/A	N/A	31,435	257,046	262,168
Arch Coal, Inc.	Equity	N/A	N/A	5,460	367,375	372,918
Arch Coal, Inc.	Equity	N/A	N/A	11,039	759,278	753,964
Archer Daniels Midland Company	Equity	N/A	N/A	19,900	523,956	823,462
Argo Group International	Equity	N/A	N/A	20,630	844,667	1,250,178
Arkema	Equity	N/A	N/A	810	1	86,436
Armstrong World Industries	Equity	N/A	N/A	16,255	641,167	747,730
Arris International Limited	Equity	N/A	N/A	25,916	796,787	726,166
Arrium Limited	Equity	N/A	N/A	933,600	1,263,576	9,336
Aryzta AG	Equity	N/A	N/A	9,900	400,294	325,526
Asahi Glass Company Limited	Equity	N/A	N/A	190,000	1,379,929	7,990,220
Asaleo Care Limited	Equity	N/A	N/A	176,612	229,012	204,870

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Asaleo Care Limited	Equity	N/A	N/A	348,200	415,022	403,912
Ashland Global Holdings, Incorporated	Equity	N/A	N/A	50,400	2,699,180	3,321,864
Ashtead Group PLC	Equity	N/A	N/A	19,500	313,599	406,575
ASM International NV	Equity	N/A	N/A	4,047	-	235,691
ASML Holding NV	Equity	N/A	N/A	7,968	-	1,038,386
ASML Holding NV	Equity	N/A	N/A	1,814	-	236,400
Aspen Technology, Incorporated	Equity	N/A	N/A	14,486	796,063	800,496
Aspen Technology, Incorporated	Equity	N/A	N/A	38,475	1,894,708	2,126,128
Assa Abloy AB-B	Equity	N/A	N/A	76,360	1,501,074	1,682,287
Assurant, Incorporated	Equity	N/A	N/A	22,300	2,155,538	2,312,287
Assurant, Incorporated	Equity	N/A	N/A	7,800	428,247	808,782
Assured Guaranty Limited	Equity	N/A	N/A	51,143	1,702,337	2,134,709
Astrazeneca PLC	Equity	N/A	N/A	6,500	346,884	434,954
AT&T, Incorporated	Equity	N/A	N/A	43,900	1,552,500	1,656,347
AT&T, Incorporated	Equity	N/A	N/A	75,922	3,163,475	2,864,537
Atlas Financial Holdings, Incorporated	Equity	N/A	N/A	15,787	282,372	235,226
Atos SE Sedol	Equity	N/A	N/A	8,700	829,789	1,221,223
Atricure, Incorporated	Equity	N/A	N/A	43,286	681,343	1,049,685
Aurizon Holdings LTD	Equity	N/A	N/A	59,493	658	245,092
Aurubis AG	Equity	N/A	N/A	10,200	-	799,909
Ausdrill Limited	Equity	N/A	N/A	105,700	379,819	149,076
Ausnet Services NPV	Equity	N/A	N/A	177,075	216,857	236,131
Austevoll Seafood ASA	Equity	N/A	N/A	25,924	228,278	220,464
Autodesk, Incorporated	Equity	N/A	N/A	104,000	3,837,350	10,485,280
Autozone, Inc.	Equity	N/A	N/A	920	737,139	524,823
Avalonbay Communities, Incorporated	Equity	N/A	N/A	15,500	1,996,455	2,978,635
Aviva PLC Sedol	Equity	N/A	N/A	262,987	1,669,807	1,801,703
AXA	Equity	N/A	N/A	39,205	800,066	1,080,098
Axis Capital Holdings Limited	Equity	N/A	N/A	8,875	448,752	573,857
BAE Systems PLC	Equity	N/A	N/A	144,378	1,089,912	1,198,337
BAE Systems PLC	Equity	N/A	N/A	198,000	1,449,140	1,643,400
Ball Corporation	Equity	N/A	N/A	18,658	723,578	787,554
Baloise Holding AG	Equity	N/A	N/A	1,067	164,937	164,907
Baloise Holding AG	Equity	N/A	N/A	7,500	426,029	1,159,141
Banc of California, Inc.	Equity	N/A	N/A	82,039	1,789,955	1,763,838
Banco Bilbao Vixzaya Argenta	Equity	N/A	N/A	176,127	1,448,122	1,461,454
Banco Latinoamericano De Comercio	Equity	N/A	N/A	29,200	535,039	799,496
Banco Santander BA	Equity	N/A	N/A	116,417	772,060	783,486
Banco Santander BA	Equity	N/A	N/A	87,100	783,798	586,183
Bancorpsouth, Incorporated	Equity	N/A	N/A	64,671	1,859,332	1,972,466
Bancorpsouth, Incorporated	Equity	N/A	N/A	35,593	541,158	1,085,586
Bank Central Asia TBK PT	Equity	N/A	N/A	535,900	668,075	728,690
Bank Hapolim Limited	Equity	N/A	N/A	33,999	198,005	229,401
Bank Hapolim Limited	Equity	N/A	N/A	127,000	485,979	856,907
Bank New York Mellon	Equity	N/A	N/A	4,100	195,531	209,182
Bank Of America Corporation	Equity	N/A	N/A	437,452	7,408,383	10,612,586
Bank Of America Corporation	Equity	N/A	N/A	148,400	2,465,360	3,600,184
Bank Of Queensland Limited	Equity	N/A	N/A	36,250	286,414	319,016
Bank Of the Ozarks	Equity	N/A	N/A	22,772	975,638	1,067,324
Barclays PLC	Equity	N/A	N/A	239,900	1,871,215	614,144
Barratt Developments PLC	Equity	N/A	N/A	76,600	633,385	562,193
BASF SE NV	Equity	N/A	N/A	16,466	1,251,220	1,528,456
BASF SE NV	Equity	N/A	N/A	16,879	1,612,751	1,566,793
BASF SE NV	Equity	N/A	N/A	7,500	288,429	696,187

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	(c) Maturity Date	(c) Rate of Interest		(e)	
					(d) Cost	Current Value
Baxter International, Incorporated	Equity	N/A	N/A	74,034	3,933,941	4,482,018
BayCom Corporation	Equity	N/A	N/A	42,341	543,790	738,850
Bayer AG NV	Equity	N/A	N/A	30,400	1,505,798	3,885,120
Bayer AG NV	Equity	N/A	N/A	18,143	2,108,621	2,318,675
Bayer AG NV	Equity	N/A	N/A	7,200	-	920,160
Bayerische Motorenwerke AG	Equity	N/A	N/A	21,307	624,550	2,002,645
Beacon Roofing Supply, Incorporated	Equity	N/A	N/A	17,546	564,323	859,754
Becton Dickinson & Company	Equity	N/A	N/A	16,682	2,896,663	3,254,825
Bed Bath & Beyond	Equity	N/A	N/A	18,050	963,883	548,720
Belden, Incorporated	Equity	N/A	N/A	13,064	552,614	985,418
Bellway PLC	Equity	N/A	N/A	11,754	413,018	455,445
Bellway PLC	Equity	N/A	N/A	13,000	344,571	503,725
Bendigo and Adelaide Bank	Equity	N/A	N/A	67,300	-	573,131
Benefitfocus, Incorporated	Equity	N/A	N/A	22,061	687,726	801,917
Berkeley Group Holding	Equity	N/A	N/A	11,400	431,409	479,145
Berkshire Hathaway, Inc.	Equity	N/A	N/A	3,778	662,072	639,880
Best Buy Company, Incorporated	Equity	N/A	N/A	14,500	529,634	831,285
BHP Billiton PLC	Equity	N/A	N/A	61,654	1,412,176	944,347
Big Lots, Incorporated	Equity	N/A	N/A	13,584	686,506	656,107
Biogen, Incorporated	Equity	N/A	N/A	7,000	1,809,873	1,899,520
Biomarin Pharmaceutical, Incorporated	Equity	N/A	N/A	45,261	3,517,032	4,110,604
Black Hills, Incorporated	Equity	N/A	N/A	33,761	1,979,468	2,277,855
Blackbaud, Inc.	Equity	N/A	N/A	10,252	695,222	879,109
Blackhawk Network Holdings, Inc.	Equity	N/A	N/A	19,138	676,482	834,417
Bloomin Brands, Incorporated	Equity	N/A	N/A	18,627	352,934	395,451
Blucora, Inc.	Equity	N/A	N/A	63,259	699,612	1,341,091
Bluebird Bio, Incorporated	Equity	N/A	N/A	8,754	462,640	919,608
Blueprint Medicines Corporation	Equity	N/A	N/A	10,048	354,505	509,132
Bluescope Steel Limited	Equity	N/A	N/A	49,200	-	499,536
BNP Paribas	Equity	N/A	N/A	26,048	1,304,718	1,891,085
BNP Paribas	Equity	N/A	N/A	3,362	188,509	244,081
BNP Paribas	Equity	N/A	N/A	15,400	1,101,627	1,118,040
Boart Longyear Limited	Equity	N/A	N/A	117,800	285,967	2,709
Boc Hong Kong Holdings Limited	Equity	N/A	N/A	219,500	639,596	1,050,064
Boc Hong Kong Holdings Limited	Equity	N/A	N/A	372,500	1,443,479	1,781,999
Boeing Company	Equity	N/A	N/A	29,421	3,996,848	5,818,003
Boeing Company	Equity	N/A	N/A	22,300	3,589,142	4,409,825
Boise Cascade Company	Equity	N/A	N/A	54,483	1,434,984	1,656,283
Boliden AB	Equity	N/A	N/A	20,000	254,413	545,776
Boot Barn Holdings, Inc.	Equity	N/A	N/A	30,739	300,509	217,632
Booz Allen Hamilton Holding	Equity	N/A	N/A	19,323	504,890	628,770
Booz Allen Hamilton Holding	Equity	N/A	N/A	12,808	474,137	416,772
Bovis Homes Group PLC	Equity	N/A	N/A	27,300	-	27,300
BP PLC	Equity	N/A	N/A	277,100	2,458,292	1,593,325
Brambles Limited	Equity	N/A	N/A	179,864	1,477,876	1,345,106
Brandywine Realty Trust	Equity	N/A	N/A	36,300	413,370	636,339
Bridgestone	Equity	N/A	N/A	41,100	1,328,291	1,769,944
Bridgestone	Equity	N/A	N/A	5,500	192,248	236,854
Briggs & Stratton Corporation	Equity	N/A	N/A	19,700	401,626	474,770
Brinker International, Incorporated	Equity	N/A	N/A	31,300	1,389,369	1,192,530
Bristol Myers Squibb, Company	Equity	N/A	N/A	85,330	4,526,426	4,754,588
Bristol Myers Squibb, Company	Equity	N/A	N/A	600	35,564	33,432
Broadcom Limited	Equity	N/A	N/A	12,090	2,863,595	2,817,575
Broadcom Limited	Equity	N/A	N/A	11,000	1,830,631	2,563,550

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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Broadsoft, Incorporated	Equity	N/A	N/A	736	30,275	31,685
Brocade Communications Systems	Equity	N/A	N/A	20,000	200,094	252,200
Brother Industries Limited	Equity	N/A	N/A	28,600	390,502	659,345
Bruker Corporation	Equity	N/A	N/A	33,639	994,288	970,149
Brunswick Corporation	Equity	N/A	N/A	39,019	1,151,353	2,447,662
Brunswick Corporation	Equity	N/A	N/A	26,564	1,613,154	1,666,360
Bryn Mawr Bank Corporation	Equity	N/A	N/A	26,934	764,594	1,144,695
BT Group PLC	Equity	N/A	N/A	52,700	187,364	202,315
Bucher Industries AG	Equity	N/A	N/A	630	144,636	198,251
Buffalo Wild Wings, Incorporated	Equity	N/A	N/A	6,380	968,570	808,346
Bunge Limited	Equity	N/A	N/A	26,833	2,177,967	2,001,742
Bunge Limited	Equity	N/A	N/A	16,500	1,073,325	1,230,900
Burberry Group PLC	Equity	N/A	N/A	65,666	-	1,420,605
BWX Technologies, Incorporated	Equity	N/A	N/A	26,932	612,893	1,312,935
C&C Group PLC	Equity	N/A	N/A	66,300	309,217	243,757
C&J Energy Services, Inc.	Equity	N/A	N/A	31,132	1,205,544	1,066,894
CA, Incorporated	Equity	N/A	N/A	16,600	424,421	572,202
Cabelas, Incorporated	Equity	N/A	N/A	65,601	4,413,067	3,898,011
Cabot Corporation	Equity	N/A	N/A	12,634	492,131	675,035
Cabot Corporation	Equity	N/A	N/A	8,042	425,367	429,684
Cabot Corporation	Equity	N/A	N/A	10,000	376,038	534,300
CACI International, Incorporated Class A	Equity	N/A	N/A	14,038	1,365,577	1,755,452
Cadence Design Systems, Incorporated	Equity	N/A	N/A	15,410	539,517	516,081
Caesars Entertainment Corporation	Equity	N/A	N/A	60,772	760,227	729,264
Calithera Biosciences, Inc.	Equity	N/A	N/A	40,060	353,966	594,891
Callon Pete Company	Equity	N/A	N/A	189,316	2,023,654	2,008,643
Caltex Australia Limited	Equity	N/A	N/A	25,083	608,415	609,401
Camping World Holdings, Inc.	Equity	N/A	N/A	27,743	672,652	855,872
Canadian Pacific Railways LTD	Equity	N/A	N/A	3,800	555,480	611,078
Cardinal Health, Inc.	Equity	N/A	N/A	12,200	986,324	950,624
Cardiovascular Systems, Incorporated	Equity	N/A	N/A	49,393	1,039,299	1,591,936
Cardtronics, Incorporated	Equity	N/A	N/A	24,872	856,070	817,294
Carillion PLC	Equity	N/A	N/A	90,200	348,615	219,455
Carolina Financial Corporation	Equity	N/A	N/A	13,706	350,722	442,978
Carnival Corporation	Equity	N/A	N/A	26,010	1,401,845	1,718,757
Carpenter Technology Corporation	Equity	N/A	N/A	32,487	1,182,620	1,215,988
Carrefour SA	Equity	N/A	N/A	23,300	566,931	583,898
Carrols Restaurant Group, Incorporated	Equity	N/A	N/A	39,484	367,603	483,679
Cars.com, Inc.	Equity	N/A	N/A	9,000	206,648	239,670
Catalent, Incorporated	Equity	N/A	N/A	23,854	647,747	837,275
Cathay General Bancorp	Equity	N/A	N/A	36,028	475,629	1,367,263
Cavium, Incorporated	Equity	N/A	N/A	22,371	1,222,963	1,389,910
CBL & Assoc Properties, Incorporated	Equity	N/A	N/A	128,000	2,683,108	1,079,040
CBL & Assoc Properties, Incorporated	Equity	N/A	N/A	65,600	1,076,211	553,008
CBRE Group, Incorporated	Equity	N/A	N/A	46,429	1,594,839	1,690,016
CBS Corporation Class B	Equity	N/A	N/A	17,665	1,197,268	1,126,674
Celadon Group, Incorporated	Equity	N/A	N/A	66,038	636,618	208,020
Celanese Corporation	Equity	N/A	N/A	12,237	916,133	1,161,781
Celanese Corporation	Equity	N/A	N/A	15,300	814,466	1,452,582
Celgene Corporation	Equity	N/A	N/A	54,576	5,498,047	7,087,785
Celgene Corporation	Equity	N/A	N/A	20,600	2,344,431	2,675,322
Celgene Corporation	Equity	N/A	N/A	9,875	1,217,157	1,282,466
Cembra Money Bank AG	Equity	N/A	N/A	1,220	114,952	115,397
Centamin PLC	Equity	N/A	N/A	265,924	585,665	536,156

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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Centene Corporation	Equity	N/A	N/A	22,672	1,849,229	1,811,039
Centennial Resource Development	Equity	N/A	N/A	38,638	544,734	611,253
Centerstate Banks, Inc.	Equity	N/A	N/A	28,753	729,662	714,800
Centric A PLC	Equity	N/A	N/A	224,689	631,662	585,879
Centric A PLC	Equity	N/A	N/A	150,200	852,414	391,648
Century Tokyo Leasing Corporation	Equity	N/A	N/A	16,900	-	674,648
Centurylink, Incorporated	Equity	N/A	N/A	18,400	473,457	439,392
Chart Industries, Incorporated	Equity	N/A	N/A	5,867	141,357	203,761
Charter Communications, Inc.	Equity	N/A	N/A	11,367	3,502,803	3,828,974
Charter Communications, Inc.	Equity	N/A	N/A	100	24,180	33,685
Cheesecake Factory, Incorporated	Equity	N/A	N/A	9,152	487,502	460,346
Cheesecake Factory, Incorporated	Equity	N/A	N/A	45,400	1,833,531	2,283,620
Chemical Financial Corporation	Equity	N/A	N/A	23,858	711,402	1,154,966
Chemours Company	Equity	N/A	N/A	25,205	975,847	955,774
Chesapeake Utilities Corporation	Equity	N/A	N/A	17,671	1,230,276	1,324,441
Chevron Corporation	Equity	N/A	N/A	30,314	3,162,658	3,162,660
Chevron Corporation	Equity	N/A	N/A	20,942	2,249,937	2,184,879
Chicago Bridge & Iron	Equity	N/A	N/A	27,000	927,023	532,710
Chicos FAS, Incorporated	Equity	N/A	N/A	86,479	1,169,147	814,632
Chimera Investment Corporation	Equity	N/A	N/A	29,140	459,786	542,878
China Aviation Oil Singapore	Equity	N/A	N/A	259,900	313,575	315,383
China Shineway Pharmaceutica	Equity	N/A	N/A	178,000	261,855	180,109
Chubb Limited	Equity	N/A	N/A	700	93,502	101,766
Chubb Limited	Equity	N/A	N/A	14,746	1,715,346	2,143,773
Churchill Downs, Incorporated	Equity	N/A	N/A	4,395	464,414	805,604
Churchill Downs, Incorporated	Equity	N/A	N/A	7,856	389,866	1,440,005
Ciena Corporation	Equity	N/A	N/A	29,845	781,410	746,722
Cigna Corporation	Equity	N/A	N/A	13,100	1,964,954	2,192,809
Cigna Corporation	Equity	N/A	N/A	4,400	176,998	736,516
Circor International, Incorporated	Equity	N/A	N/A	13,783	660,617	818,435
Cisco Systems, Incorporated	Equity	N/A	N/A	63,526	1,848,387	1,988,364
Cit Group, Incorporated	Equity	N/A	N/A	49,762	1,968,522	2,423,409
Citic Telecom International	Equity	N/A	N/A	934,000	354,976	299,067
Citigroup, Incorporated	Equity	N/A	N/A	76,188	3,937,724	5,095,453
Citigroup, Incorporated	Equity	N/A	N/A	10,200	627,987	682,176
Citizens Financial Group	Equity	N/A	N/A	112,387	3,209,908	4,009,968
Citizens Financial Group	Equity	N/A	N/A	12,800	444,600	456,704
Citizens Financial Group	Equity	N/A	N/A	23,500	849,817	838,480
Citrix Systems, Incorporated	Equity	N/A	N/A	21,680	1,297,506	1,725,294
Clean Harbors, Incorporated	Equity	N/A	N/A	59,946	2,764,426	3,346,785
Clean Harbors, Incorporated	Equity	N/A	N/A	12,924	629,635	721,547
Cloudera, Inc.	Equity	N/A	N/A	16,032	278,309	256,833
CLP Holdings Limited	Equity	N/A	N/A	34,500	302,163	364,997
CME Group, Incorporated	Equity	N/A	N/A	3,200	389,388	400,768
CNO Financial Group, Incorporated	Equity	N/A	N/A	30,800	286,863	643,104
CNP Assurances	Equity	N/A	N/A	28,473	632,425	639,439
Coach, Incorporated	Equity	N/A	N/A	11,000	406,895	520,740
Cobiz Financial, Incorporated	Equity	N/A	N/A	105,803	1,266,979	1,840,972
Coca Cola Amatil Limited	Equity	N/A	N/A	55,195	415,141	391,673
Cocokara Fine Holdings, Inc.	Equity	N/A	N/A	14,000	524,396	690,820
Cognex Corporation	Equity	N/A	N/A	52,000	2,742,620	4,414,800
Coherent, Incorporated	Equity	N/A	N/A	3,923	357,480	882,636
Colony Starwood Homes	Equity	N/A	N/A	46,904	1,521,149	1,609,276
Columbia Sportswear Company	Equity	N/A	N/A	25,254	1,436,892	1,466,247

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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				Cost		
Columbus McKinnon Corporation	Equity	N/A	N/A	25,236	651,908	641,499
Comcast Corporation	Equity	N/A	N/A	3,800	135,696	147,896
Comcast Corporation	Equity	N/A	N/A	40,173	1,499,499	1,563,533
Commercehub, Inc.	Equity	N/A	N/A	19,286	236,389	336,348
Commercial Metals Company	Equity	N/A	N/A	70,556	1,219,939	1,370,903
Compag Nie De Saint Gobain	Equity	N/A	N/A	24,320	1,273,230	1,299,415
Computacenter PLC	Equity	N/A	N/A	46,500	-	46,500
Conagra Foods, Incorporated	Equity	N/A	N/A	62,086	2,515,009	2,220,195
Concho Resources, Incorporated	Equity	N/A	N/A	25,125	3,236,712	3,053,441
Conformis, Incorporated	Equity	N/A	N/A	72,512	913,575	311,076
Conocophillips	Equity	N/A	N/A	55,105	2,608,218	2,422,416
Conocophillips	Equity	N/A	N/A	25,880	1,387,738	1,137,685
Constellation Brands, Incorporated Class A	Equity	N/A	N/A	10,118	1,532,318	1,960,160
Constellation Brands, Incorporated Class A	Equity	N/A	N/A	2,600	225,369	503,698
Continental AG	Equity	N/A	N/A	6,995	1,390,399	1,442,096
Convergys Corporation	Equity	N/A	N/A	47,655	624,446	1,133,236
Convergys Corporation	Equity	N/A	N/A	39,200	238,656	932,176
Conyers Park Acquisition Cor	Equity	N/A	N/A	49,790	519,052	634,822
Cooper Tire & Rubber Company	Equity	N/A	N/A	15,022	521,412	542,294
Cooper Tire & Rubber Company	Equity	N/A	N/A	24,400	673,942	880,840
Core Laboratories NV	Equity	N/A	N/A	23,800	2,372,657	2,410,226
Core Mark Holding Company, Incorporated	Equity	N/A	N/A	24,236	321,686	801,242
Coresite Realty Corporation	Equity	N/A	N/A	14,902	569,955	1,542,804
Costco Wholesale Corporation	Equity	N/A	N/A	19,649	2,284,589	3,142,465
Costco Wholesale Corporation	Equity	N/A	N/A	200	32,889	31,986
Cott Corporation	Equity	N/A	N/A	49,213	450,030	710,636
Cousins Properties, Incorporated	Equity	N/A	N/A	209,416	1,886,000	1,840,767
Cracker Barrel Old Country	Equity	N/A	N/A	2,290	108,134	383,002
Crane Company	Equity	N/A	N/A	11,300	619,973	896,994
Cray, Inc.	Equity	N/A	N/A	19,444	401,483	357,770
Credicorp LTD	Equity	N/A	N/A	3,330	568,828	597,369
Credit Agricole SA	Equity	N/A	N/A	38,754	1,211,952	623,444
Credit Suisse Group	Equity	N/A	N/A	37,492	1,345,677	545,884
Crest Nicholson Holdings	Equity	N/A	N/A	49,200	430,536	335,463
Cromwell Property Group	Equity	N/A	N/A	298,781	220,852	218,158
Cross Country Healthcare, Inc.	Equity	N/A	N/A	116,838	1,456,104	1,508,379
Crown Castle Int'l Corporation	Equity	N/A	N/A	34,208	3,331,463	3,426,957
CSG Systems International, Incorporated	Equity	N/A	N/A	14,136	443,567	573,639
CSG Systems International, Incorporated	Equity	N/A	N/A	10,343	263,385	419,719
CSL Limited	Equity	N/A	N/A	10,915	750,650	1,157,968
CSR Limited	Equity	N/A	N/A	279,333	908,906	908,159
CSR Limited	Equity	N/A	N/A	91,300	244,165	296,832
CSRA, Incorporated	Equity	N/A	N/A	52,380	1,024,443	1,663,065
CSX Corporation	Equity	N/A	N/A	5,800	308,188	316,448
Ctrip.Com International LTD	Equity	N/A	N/A	26,500	1,108,256	1,427,290
CU Bancorp	Equity	N/A	N/A	2,478	50,131	89,580
Cubesmart	Equity	N/A	N/A	41,856	361,339	1,006,218
Cullen Frost Bankers, Incorporated	Equity	N/A	N/A	23,820	1,388,521	2,236,936
Cummins, Incorporated	Equity	N/A	N/A	17,884	2,826,154	2,901,142
Cummins, Incorporated	Equity	N/A	N/A	6,900	838,844	1,119,318
Cummins, Incorporated	Equity	N/A	N/A	6,126	967,584	993,760
Curtiss Wright Corporation	Equity	N/A	N/A	14,957	1,267,260	1,372,753
CVB Financial Corporation	Equity	N/A	N/A	56,054	608,143	1,257,291
Cyrusone, Inc.	Equity	N/A	N/A	14,956	625,693	833,797

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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Dah Chong Hong Holdings Limited	Equity	N/A	N/A	703,000	420,731	322,347
Dai Nippon Printing Company Limited	Equity	N/A	N/A	21,000	188,910	233,012
Daiichi Sankyo Company Limited	Equity	N/A	N/A	68,600	1,516,462	1,581,230
Daikin Industries Limited	Equity	N/A	N/A	12,800	1,025,598	1,305,321
Daimler AG	Equity	N/A	N/A	17,000	752,322	1,232,670
Dana, Incorporated	Equity	N/A	N/A	128,820	2,699,284	2,876,551
Dana, Incorporated	Equity	N/A	N/A	54,501	1,168,676	1,217,007
Danaher Corporation	Equity	N/A	N/A	46,000	3,627,039	3,881,940
Danaher Corporation	Equity	N/A	N/A	10,947	943,983	923,817
Danone Sedol	Equity	N/A	N/A	16,116	1,087,267	1,211,360
Danske Bank A/S	Equity	N/A	N/A	44,615	1,365,864	1,715,975
Danske Bank A/S	Equity	N/A	N/A	29,100	881,318	1,119,239
Darling Ingredients, Incorporated	Equity	N/A	N/A	37,488	483,382	590,061
DBS Group Holdings Limited	Equity	N/A	N/A	205	2,457	3,088
DBS Group Holdings Limited	Equity	N/A	N/A	79,000	1,056,782	1,190,092
DCM Holdings Company Limited	Equity	N/A	N/A	46,100	414,052	403,721
DDR Corporation	Equity	N/A	N/A	69,300	829,127	628,551
Dean Foods Company	Equity	N/A	N/A	69,465	1,354,885	1,180,905
Deckers Outdoor Corporation	Equity	N/A	N/A	8,653	512,117	590,654
Del Taco Restaurants, Incorporated	Equity	N/A	N/A	46,827	620,733	643,871
Delphi Automotive PLC	Equity	N/A	N/A	28,300	1,543,183	2,480,495
Delphi Automotive PLC	Equity	N/A	N/A	9,000	617,423	788,850
Delta Air Lines, Incorporated	Equity	N/A	N/A	82,473	3,655,578	4,432,099
Delta Air Lines, Incorporated	Equity	N/A	N/A	800	40,496	42,992
Delta Air Lines, Incorporated	Equity	N/A	N/A	28,219	1,377,005	1,516,489
Dentsply Sirona, Inc.	Equity	N/A	N/A	600	36,549	38,904
Deutsche Bank	Equity	N/A	N/A	49,350	2,018,575	877,936
Deutsche Post AG	Equity	N/A	N/A	20,567	701,468	772,255
Deutsche Post AG	Equity	N/A	N/A	35,900	1,137,748	1,347,982
Deutsche Telekom AG	Equity	N/A	N/A	113,782	1,932,539	2,049,412
Deutsche Telekom AG	Equity	N/A	N/A	12,682	209,671	228,425
Deutsche Telekom Rights	Equity	N/A	N/A	18,867	-	21,131
Devon Energy Corporation	Equity	N/A	N/A	15,192	578,250	485,688
Dexus Property Group	Equity	N/A	N/A	105,554	813,692	767,905
DFDS A/S	Equity	N/A	N/A	8,500	370,631	452,917
Diageo PLC	Equity	N/A	N/A	70,939	1,562,518	2,095,979
Diamond Offshore Drilling, Incorporated	Equity	N/A	N/A	31,900	773,196	345,477
D'Ieteren SA NV	Equity	N/A	N/A	7,000	347,699	327,158
Digi International, Incorporated	Equity	N/A	N/A	35,826	352,701	363,634
Dillards, Incorporated	Equity	N/A	N/A	11,200	253,844	646,128
Direct Line Insurance Group	Equity	N/A	N/A	317,231	1,399,102	1,468,440
Direct Line Insurance Group	Equity	N/A	N/A	86,716	381,558	401,402
Discover Financial W/I	Equity	N/A	N/A	21,700	748,695	1,349,523
Discover Financial W/I	Equity	N/A	N/A	21,262	1,227,526	1,322,284
Disney Walt Company	Equity	N/A	N/A	50,141	5,288,939	5,327,481
Disney Walt Company	Equity	N/A	N/A	400	42,851	42,500
Disney Walt Company	Equity	N/A	N/A	17,715	1,922,114	1,882,219
Distribuidora Internacional	Equity	N/A	N/A	86,500	501,443	538,538
DNB ASA	Equity	N/A	N/A	81,873	273,181	1,392,539
DNB ASA	Equity	N/A	N/A	106,934	369,322	1,818,790
DNB ASA	Equity	N/A	N/A	47,200	-	802,803
Dolby Laboratories, Incorporated Class A	Equity	N/A	N/A	51,200	1,771,358	2,506,752
Dollar General Corporation	Equity	N/A	N/A	6,500	479,428	468,585
Dominos Pizza Group PLC	Equity	N/A	N/A	56,836	262,004	217,563

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a)	(b)					(d)	(e)
	Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value
	Domino's Pizza, Inc.	Equity	N/A	N/A	651	105,199	137,706
	Domtar Corporation	Equity	N/A	N/A	16,800	714,288	645,456
	Donnelly R R & Sons Company	Equity	N/A	N/A	10,933	574,402	137,100
	Donnelley Financial Solutions	Equity	N/A	N/A	26,798	602,298	615,282
	Dover Corporation	Equity	N/A	N/A	44,000	2,725,892	3,529,680
	DOW Chemical Company	Equity	N/A	N/A	30,982	1,969,836	1,954,035
	Downer EDI Limited	Equity	N/A	N/A	245,032	1,054,107	1,207,202
	Downer EDI Limited	Equity	N/A	N/A	94,375	511,097	464,958
	DR Horton, Incorporated	Equity	N/A	N/A	88,600	2,145,431	3,062,902
	Drill-Quip, Incorporated	Equity	N/A	N/A	13,741	801,817	670,561
	DST Systems, Incorporated	Equity	N/A	N/A	18,268	800,020	1,127,136
	DSW Incorporated, Class A	Equity	N/A	N/A	10,751	252,574	190,293
	DTE Energy Company	Equity	N/A	N/A	12,384	999,639	1,310,103
	Dupont E I De Nemours & Company	Equity	N/A	N/A	600	48,088	48,426
	DXC Technology Company	Equity	N/A	N/A	22,793	507,479	1,748,679
	8point3 Energy Partners LP	Equity	N/A	N/A	10,986	173,182	166,218
	E*Trade Financial Corporation	Equity	N/A	N/A	17,011	598,072	646,928
	East Japan Railway Company	Equity	N/A	N/A	8,200	727,587	783,365
	Eastman Chemical Company	Equity	N/A	N/A	33,700	2,733,238	2,830,463
	Eastman Chemical Company	Equity	N/A	N/A	22,900	1,397,056	1,923,371
	Easyjet PLC	Equity	N/A	N/A	12,600	-	220,374
	Ebay, Incorporated	Equity	N/A	N/A	53,538	1,565,349	1,869,547
	Edison International	Equity	N/A	N/A	11,187	531,462	874,712
	Edison International	Equity	N/A	N/A	17,700	828,961	1,383,963
	Edison International	Equity	N/A	N/A	20,230	1,606,424	1,581,784
	EDP-Energias De Portugal	Equity	N/A	N/A	49,800	171,159	162,845
	Edwards Lifesciences Corporation	Equity	N/A	N/A	148,800	4,905,540	17,594,112
	Eizo Nanao Corporation	Equity	N/A	N/A	17,300	463,574	679,849
	Electricite De France	Equity	N/A	N/A	16,100	288,115	174,361
	Electronic Art	Equity	N/A	N/A	16,700	1,402,480	1,765,524
	Elekta AB	Equity	N/A	N/A	93,805	810,826	872,387
	Emerald Expositions Events	Equity	N/A	N/A	17,377	320,888	380,556
	Emmi AG Luzern	Equity	N/A	N/A	307	166,181	231,154
	Empire State Realty Trust, Incorporated	Equity	N/A	N/A	83,612	1,458,842	1,736,621
	Employers Holdings, Incorporated	Equity	N/A	N/A	39,081	748,921	1,653,126
	Endesa SA	Equity	N/A	N/A	39,237	844,081	903,911
	Endologix, Incorporated	Equity	N/A	N/A	92,606	1,262,653	450,065
	Enel SPA	Equity	N/A	N/A	42,745	200,722	228,686
	Enel SPA	Equity	N/A	N/A	277,500	1,741,696	1,484,625
	Energen Corporation	Equity	N/A	N/A	15,740	830,772	777,084
	Engie Sedol	Equity	N/A	N/A	27,500	-	418,688
	Ennis, Incorporated	Equity	N/A	N/A	22,300	505,692	425,930
	Enpro Industries, Inc.	Equity	N/A	N/A	12,582	868,868	897,977
	Ensign Group, Inc.	Equity	N/A	N/A	74,509	1,394,239	1,622,061
	Entergy Corporation	Equity	N/A	N/A	54,528	3,914,727	4,186,115
	Entergy Corporation	Equity	N/A	N/A	22,000	1,547,588	1,688,940
	EOG Resources, Incorporated	Equity	N/A	N/A	32,934	3,312,196	2,981,186
	EOG Resources, Incorporated	Equity	N/A	N/A	17,596	1,739,590	1,592,790
	Epam Systems, Incorporated	Equity	N/A	N/A	20,259	739,845	1,703,579
	EPR Properties	Equity	N/A	N/A	40,296	2,222,620	2,896,074
	EQT Corporation	Equity	N/A	N/A	98,000	6,786,247	5,741,820
	Equifax, Inc.	Equity	N/A	N/A	6,000	793,311	824,520
	Equifax, Inc.	Equity	N/A	N/A	1,934	712,534	829,995
	Equity Lifestyle Properties REIT	Equity	N/A	N/A	12,076	959,745	1,042,642

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(e)	
					(d) Cost	Current Value
Essilor International	Equity	N/A	N/A	8,678	632,750	1,104,152
Esterline Technologies Corporation	Equity	N/A	N/A	10,162	696,435	963,358
Ethan Allen Interiors, Incorporated	Equity	N/A	N/A	15,400	420,149	497,420
Ethan Allen Interiors, Incorporated	Equity	N/A	N/A	138,138	4,267,060	4,461,857
Euronet Worldwide, Incorporated	Equity	N/A	N/A	15,217	270,371	1,329,509
Evercore Partners, Incorporated Class A	Equity	N/A	N/A	14,969	775,721	1,055,315
Evercore Partners, Incorporated Class A	Equity	N/A	N/A	3,565	249,845	251,332
Everest RE Group Limited	Equity	N/A	N/A	7,522	1,061,278	1,915,026
Everest RE Group Limited	Equity	N/A	N/A	6,200	765,830	1,578,458
Evonik Industries AG	Equity	N/A	N/A	23,354	764,181	750,130
Evonik Industries AG	Equity	N/A	N/A	15,600	532,097	501,072
EW Scripps Company Class A	Equity	N/A	N/A	39,784	650,341	708,553
Exelon Corporation	Equity	N/A	N/A	84,063	2,940,699	3,032,152
Exlservice Holdings, Incorporated	Equity	N/A	N/A	38,619	1,263,467	2,146,444
Expedia, Inc.	Equity	N/A	N/A	16,473	1,974,422	2,453,653
Extraction Oil & Gas LLC	Equity	N/A	N/A	96,886	1,708,240	1,303,117
Exxon Mobil Corporation	Equity	N/A	N/A	132,873	11,291,580	10,726,837
Exxon Mobil Corporation	Equity	N/A	N/A	20,991	1,737,574	1,694,603
Fabrinet Isin	Equity	N/A	N/A	1,592	28,728	67,915
Facebook, Incorporated Class A	Equity	N/A	N/A	81,620	5,481,470	12,322,988
Facebook, Incorporated Class A	Equity	N/A	N/A	89,900	7,702,186	13,573,102
Factset Resh Systems, Incorporated	Equity	N/A	N/A	44,200	4,387,099	7,345,156
Farmer Brothers Company	Equity	N/A	N/A	91,753	3,096,752	2,775,528
Federal Agricultural Mortgage Corp	Equity	N/A	N/A	10,914	367,934	706,136
Fedex Corporation	Equity	N/A	N/A	500	98,925	108,665
Ferrari NV	Equity	N/A	N/A	7,900	464,751	679,558
Ferro Corporation	Equity	N/A	N/A	73,156	532,659	1,338,023
Ferroglobe PLC	Equity	N/A	N/A	24,915	265,215	297,734
Ferroglobe Unit Restricted	Equity	N/A	N/A	74,886	1	75
Fidelity National Information	Equity	N/A	N/A	15,422	1,160,335	1,317,039
Fidelity Southern Corporation	Equity	N/A	N/A	15,987	294,202	365,463
Fifth Third Bancorp	Equity	N/A	N/A	95,709	1,870,253	2,484,606
Fifth Third Bancorp	Equity	N/A	N/A	61,200	758,118	1,588,752
Financial Engines, Incorporated	Equity	N/A	N/A	50,731	1,994,397	1,856,755
Finisar Corporation	Equity	N/A	N/A	4,951	170,367	128,627
First American Financial	Equity	N/A	N/A	15,254	634,636	681,701
First Business Financial Services, Inc.	Equity	N/A	N/A	9,538	227,880	220,137
First Cash, Incorporated	Equity	N/A	N/A	30,338	1,493,130	1,768,705
First Financial Bancorp	Equity	N/A	N/A	56,541	862,770	1,566,186
First Financial Bankshares, Incorporated	Equity	N/A	N/A	16,804	361,972	742,737
First Republic Bank	Equity	N/A	N/A	11,192	1,044,927	1,120,319
Firstenergy Corporation	Equity	N/A	N/A	64,400	2,129,286	1,877,904
Firstgroup PLC	Equity	N/A	N/A	100,500	568,892	164,537
Fiserv, Incorporated	Equity	N/A	N/A	22,200	2,404,982	2,715,948
Five Below	Equity	N/A	N/A	15,355	577,847	758,076
Five Point Holdings, LLC	Equity	N/A	N/A	81,807	1,176,761	1,207,471
Fiveprime Therapeutics, Incorporated	Equity	N/A	N/A	12,322	239,517	371,015
Fleetcor Technologies, Incorporated	Equity	N/A	N/A	23,423	3,271,922	3,377,831
Fleetcor Technologies, Incorporated	Equity	N/A	N/A	2,300	337,481	331,683
Fletcher Building Limited	Equity	N/A	N/A	73,200	375,396	428,590
Flex Limited	Equity	N/A	N/A	38,400	414,785	626,304
FNB Corporation	Equity	N/A	N/A	177,945	2,697,331	2,519,701
FNF Group W/I	Equity	N/A	N/A	93,147	2,908,094	4,175,780
FNFV Group W/I	Equity	N/A	N/A	60,661	591,055	958,444

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a) Identity of issuer, borrower, lessor or similar party	(b) Description	(c) Maturity Date	(c) Rate of Interest		(e)	
					(d) Cost	Current Value
Foot Locker, Incorporated	Equity	N/A	N/A	15,000	296,881	739,200
Foot Locker, Incorporated	Equity	N/A	N/A	9,649	698,998	475,503
Form Factor, Incorporated	Equity	N/A	N/A	16,627	158,375	206,175
Forteschue Metal Group LTD	Equity	N/A	N/A	121,200	524,484	486,264
Fortive Corporation	Equity	N/A	N/A	31,200	1,724,355	1,976,520
Fox Factory Holding Corporation	Equity	N/A	N/A	15,096	240,285	537,418
Franklin Street Properties	Equity	N/A	N/A	82,300	928,005	911,884
Fresenius Medical Care Sedol	Equity	N/A	N/A	14,629	1,232,213	1,409,449
Fresenius SE & CO KGAA	Equity	N/A	N/A	6,551	-	562,964
Fresh Del Monte Produce, Inc.	Equity	N/A	N/A	12,102	622,341	616,113
Fujitec Company Limited	Equity	N/A	N/A	33,800	340,392	440,850
Fujitsu Limited	Equity	N/A	N/A	216,000	1,100,918	1,589,728
G1 Therapeutics, Inc.	Equity	N/A	N/A	7,500	112,500	130,800
Gamestop Corporation Class A	Equity	N/A	N/A	14,400	379,011	311,184
Gaming And Leisure Properties	Equity	N/A	N/A	50,557	1,838,227	1,904,482
Gannett Spinco, Incorporated	Equity	N/A	N/A	13,500	135,175	117,720
Garmin Limited	Equity	N/A	N/A	104,500	4,046,429	5,332,635
Gas Natural SDG SA	Equity	N/A	N/A	44,800	902,479	1,048,441
Gatx Corporation	Equity	N/A	N/A	10,400	507,727	668,408
Gea Group AF	Equity	N/A	N/A	23,171	724,600	953,553
Geberit Sedol	Equity	N/A	N/A	503	172,666	234,583
Generac Holdings, Incorporated	Equity	N/A	N/A	11,745	437,940	424,347
General Dynamics Corporation	Equity	N/A	N/A	100	18,405	19,810
General Motors Company	Equity	N/A	N/A	85,658	3,065,573	2,992,034
Genesco, Incorporated	Equity	N/A	N/A	14,935	604,327	506,297
Genesee & Wyoming Inc	Equity	N/A	N/A	11,823	636,369	808,575
Gentex Corporation	Equity	N/A	N/A	302,200	3,466,142	5,732,734
Gentherm, Inc.	Equity	N/A	N/A	73,100	2,689,415	2,836,280
Genworth Financial, Incorporated Class A	Equity	N/A	N/A	37,000	1,103,821	139,490
Genworth Mortgage Insurance	Equity	N/A	N/A	142,800	-	321,584
George Fischer Limited	Equity	N/A	N/A	800	291,159	774,638
Getty Realty Corporation	Equity	N/A	N/A	20,669	473,613	518,792
Gigamon, Inc.	Equity	N/A	N/A	76,100	2,683,559	2,994,535
Gilead Sciences, Incorporated	Equity	N/A	N/A	28,040	2,468,136	1,984,671
GKN PLC	Equity	N/A	N/A	78,700	337,040	333,736
Glaxosmithkline PLC	Equity	N/A	N/A	10,800	219,689	227,470
Glaxosmithkline PLC	Equity	N/A	N/A	69,000	1,531,073	1,453,278
Global Blood Therapeutics, Incorporated	Equity	N/A	N/A	15,564	288,566	425,675
Global Payments, Incorporated	Equity	N/A	N/A	6,500	519,984	587,080
Globant SA	Equity	N/A	N/A	22,605	591,969	981,961
Globus Medical, Incorporated	Equity	N/A	N/A	55,421	958,674	1,837,206
Glycomimetics, Incorporated	Equity	N/A	N/A	35,456	303,358	395,689
Go Ahead Group PLC	Equity	N/A	N/A	14,700	307,129	336,780
Goldcorp, Incorporated	Equity	N/A	N/A	45,859	850,200	592,040
Goldman Sachs Group, Incorporated	Equity	N/A	N/A	20,939	3,597,944	4,646,364
Goldman Sachs Group, Incorporated	Equity	N/A	N/A	200	48,434	44,380
Goodyear Tire & Rubber Company	Equity	N/A	N/A	36,300	1,147,909	1,269,048
Government Properties Income REIT	Equity	N/A	N/A	26,400	593,652	483,384
GPT Group	Equity	N/A	N/A	68,145	265,448	250,881
Graco, Incorporated	Equity	N/A	N/A	32,800	2,082,394	3,584,384
Grand Canyon Education, Inc.	Equity	N/A	N/A	2,081	162,634	163,171
Granges AB	Equity	N/A	N/A	49,600	391,007	456,277
Granite Construction, Incorporated	Equity	N/A	N/A	25,967	1,332,506	1,252,648
Gray Television, Inc.	Equity	N/A	N/A	29,465	397,763	403,671

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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Great Plains Energy, Incorporated	Equity	N/A	N/A	162,100	3,882,969	4,746,288
Group 1 Automotive, Incorporated	Equity	N/A	N/A	5,400	468,822	341,928
Groupon, Inc.	Equity	N/A	N/A	80,100	294,705	307,584
Grubhub, Inc.	Equity	N/A	N/A	19,240	709,533	838,864
Grupo Financiero Banorte	Equity	N/A	N/A	66,402	383,732	421,307
GTY Technology Holdings, Inc.	Equity	N/A	N/A	11,438	114,380	120,313
Gulfport Energy Corporation	Equity	N/A	N/A	24,014	567,669	354,207
H3 Contingent Value Rights	Equity	N/A	N/A	123,900	-	123,900
Halliburton Company	Equity	N/A	N/A	100,492	4,636,202	4,292,013
Halliburton Company	Equity	N/A	N/A	19,306	1,037,047	824,559
Halyard Health, Incorporated	Equity	N/A	N/A	20,451	820,505	803,315
Hannon Armstrong Sustainable	Equity	N/A	N/A	23,404	458,479	535,249
Hanwa Company	Equity	N/A	N/A	24,000	169,076	171,558
Harley Davidson, Incorporated	Equity	N/A	N/A	9,500	426,784	513,190
Harvey Norman Holdings LTD	Equity	N/A	N/A	95,700	338,376	280,979
Harris Corporation	Equity	N/A	N/A	1,200	131,999	130,896
Hartford Financial Services Group, Incorporated	Equity	N/A	N/A	32,000	888,029	1,682,240
Hawaiian Holdings, Incorporated	Equity	N/A	N/A	33,578	1,454,780	1,576,487
Haynes International, Incorporated	Equity	N/A	N/A	16,486	672,374	598,607
HDFC Bank Limited	Equity	N/A	N/A	13,120	825,467	1,141,046
Health Insurance Innovations	Equity	N/A	N/A	10,254	224,062	240,969
Heidelbergcement AG	Equity	N/A	N/A	11,748	815,914	1,139,041
Heiwa Corporation	Equity	N/A	N/A	10,500	218,337	233,852
Heiwa Corporation	Equity	N/A	N/A	21,500	367,960	478,840
Heiwado Company	Equity	N/A	N/A	7,600	167,380	162,372
Heiwado Company	Equity	N/A	N/A	17,500	351,204	373,883
Helen Of Troy Limited	Equity	N/A	N/A	9,736	883,304	916,158
Helvetia Holding AG	Equity	N/A	N/A	2,100	-	1,201,220
Hercules Capital, Inc.	Mutual Fund	N/A	N/A	29,959	386,594	396,657
Heritage Crystal Clean, Incorporated	Equity	N/A	N/A	7,605	89,625	120,920
Hersha Hospitality Trust Reit	Equity	N/A	N/A	25,763	585,900	476,873
The Hershey Company	Equity	N/A	N/A	10,931	1,184,409	1,173,661
Hewlett Packard Enterprise Company	Equity	N/A	N/A	47,489	802,832	787,843
Highwoods Properties, Inc.	Equity	N/A	N/A	13,839	720,067	701,776
Hill-Rom Holdings, Inc.	Equity	N/A	N/A	7,760	511,530	617,774
Hilltop Holdings, Incorporated	Equity	N/A	N/A	35,539	747,315	931,477
Hilton Worldwide Holdings	Equity	N/A	N/A	16,833	958,738	1,041,121
Hitachi Limited	Equity	N/A	N/A	47,000	206,749	288,080
HKT Trust & HKT LTD	Equity	N/A	N/A	220,000	285,740	281,600
Home Bancshares, Incorporated	Equity	N/A	N/A	40,799	752,033	1,015,895
Home Depot, Incorporated	Equity	N/A	N/A	33,296	4,696,698	5,107,606
Home Depot, Incorporated	Equity	N/A	N/A	21,600	2,510,613	3,313,440
Home Depot, Incorporated	Equity	N/A	N/A	6,546	971,886	1,004,156
Honda Motor Company Limited	Equity	N/A	N/A	46,900	1,532,364	1,278,259
Honeywell International, Incorporated	Equity	N/A	N/A	9,100	1,153,683	1,212,939
Hong Leong Asia Limited	Equity	N/A	N/A	205,000	521,767	163,047
Hooker Furniture Corporation	Equity	N/A	N/A	5,246	226,451	215,873
Horizon Bancorp Indiana	Equity	N/A	N/A	28,508	498,677	751,186
Horizon Global Corporation	Equity	N/A	N/A	44,977	601,994	645,870
Hospitality Properties Trust	Equity	N/A	N/A	77,532	2,316,719	2,260,058
Hospitality Properties Trust	Equity	N/A	N/A	52,200	1,673,607	1,521,630
Host Hotels & Resorts, Incorporated	Equity	N/A	N/A	109,574	1,944,613	2,001,917
Hostess Brands, Inc.	Equity	N/A	N/A	167,413	2,123,526	2,695,349
Houghton Mifflin Harcourt Company	Equity	N/A	N/A	61,186	902,580	752,588

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a)	(b)					(d)	(e)
	Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value
	Hoya Corporation	Equity	N/A	N/A	4,600	185,698	238,558
	HP, Inc.	Equity	N/A	N/A	76,043	1,162,432	1,329,232
	HSBC Holdings PLC	Equity	N/A	N/A	26,484	218,477	241,004
	HSN, Incorporated	Equity	N/A	N/A	8,815	237,871	281,199
	HRG Group, Incorporated	Equity	N/A	N/A	32,047	434,263	567,552
	Hubspot, Incorporated	Equity	N/A	N/A	17,978	882,368	1,182,053
	Hudson Pacific Properties REITS	Equity	N/A	N/A	39,440	1,352,290	1,348,454
	Humana, Inc.	Equity	N/A	N/A	10,500	2,141,204	2,526,510
	Huntington Bancshares, Incorporated	Equity	N/A	N/A	104,030	1,483,936	1,406,486
	Huntington Ingalls Industries, Incorporated	Equity	N/A	N/A	5,900	655,437	1,098,344
	Huntsman Corporation	Equity	N/A	N/A	47,000	719,083	1,214,480
	Huron Consulting Group, Incorporated	Equity	N/A	N/A	27,210	1,024,422	1,175,472
	Hyster-Yale Materials Class A	Equity	N/A	N/A	9,400	284,423	660,350
	Iac / Interactivecorp W/I	Equity	N/A	N/A	9,365	539,609	966,843
	Iberdrola SA	Equity	N/A	N/A	124,501	871,417	996,008
	Iberdrola SA	Equity	N/A	N/A	105,100	726,835	840,800
	Iberibank Corporation	Equity	N/A	N/A	44,534	3,209,930	3,629,521
	Iberibank Corporation	Equity	N/A	N/A	15,706	824,125	1,280,039
	Idorsia LTD	Equity	N/A	N/A	806	9,938	15,214
	IHS Markit LTD	Equity	N/A	N/A	58,741	1,931,404	2,586,954
	IHS Markit LTD	Equity	N/A	N/A	12,282	458,762	540,899
	II-VI, Inc.	Equity	N/A	N/A	25,528	523,465	875,610
	Illumina, Incorporated	Equity	N/A	N/A	19,469	3,289,859	3,378,261
	Illumina, Incorporated	Equity	N/A	N/A	617	92,119	107,062
	Immofinanz AG	Equity	N/A	N/A	715	8,079	1,634
	Imperial Brands PLC	Equity	N/A	N/A	5,115	-	230,686
	Implenia AG	Equity	N/A	N/A	4,300	258,564	321,973
	Indivior PLC	Equity	N/A	N/A	34,500	80,144	140,511
	Industria De Diseno Textil	Equity	N/A	N/A	33,279	-	1,257,946
	Industria De Diseno Textil	Equity	N/A	N/A	197,211	3,084,235	3,796,312
	Ing Groep NV	Equity	N/A	N/A	122,076	1,807,744	2,106,200
	Ing Groep NV	Equity	N/A	N/A	53,400	782,546	921,320
	Ingevity Corporation	Equity	N/A	N/A	20,374	1,157,637	1,169,468
	Ingevity Corporation	Equity	N/A	N/A	10,260	598,352	588,924
	Ingredion, Incorporated	Equity	N/A	N/A	16,481	1,729,728	1,964,700
	Insperty, Incorporated	Equity	N/A	N/A	11,802	757,154	837,942
	Installed Building Products	Equity	N/A	N/A	5,158	277,362	273,116
	Integrated Device Technology, Incorporated	Equity	N/A	N/A	43,867	1,124,112	1,131,330
	Intel Corporation	Equity	N/A	N/A	74,807	2,451,272	2,523,988
	Intel Corporation	Equity	N/A	N/A	18,851	672,370	636,033
	Intercontinental Exchange, Incorporated	Equity	N/A	N/A	49,600	2,447,066	3,269,632
	Intersect Ent, Incorporated	Equity	N/A	N/A	30,049	471,427	839,870
	Intesa San Paolo	Equity	N/A	N/A	615,015	1,638,629	1,918,847
	Intuit Software	Equity	N/A	N/A	13,323	1,296,565	1,769,428
	Intuit Software	Equity	N/A	N/A	75,700	4,383,246	10,053,717
	Intuit Software	Equity	N/A	N/A	11,400	1,396,724	1,514,034
	Intuitive Surgical, Incorporated	Equity	N/A	N/A	8,999	4,044,720	8,417,395
	Intuitive Surgical, Incorporated	Equity	N/A	N/A	4,070	2,369,151	3,806,956
	Investment Technology Group, Incorporated	Equity	N/A	N/A	55,388	1,020,751	1,176,441
	Inwido AB	Equity	N/A	N/A	25,000	356,382	351,645
	Israel Discount Bank	Equity	N/A	N/A	226,720	389,840	597,797
	Istar, Inc.	Equity	N/A	N/A	52,953	632,105	637,554
	Isuzu Motors Limited	Equity	N/A	N/A	41,600	582,552	504,608
	Itochu Corporation	Equity	N/A	N/A	12,600	153,940	186,970

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(e)	
					(d) Cost	Current Value
Itron, Inc.	Equity	N/A	N/A	23,130	1,334,566	1,567,057
J & J Snack Foods Corporation	Equity	N/A	N/A	2,233	61,927	294,912
J2 Global, Incorporated	Equity	N/A	N/A	9,121	695,193	776,106
Jabil, Inc.	Equity	N/A	N/A	49,343	1,419,722	1,440,322
Jack In the Box, Incorporated	Equity	N/A	N/A	15,916	1,366,808	1,567,726
Jamba, Incorporated	Equity	N/A	N/A	138,213	1,904,051	1,076,679
James River Group Holdings Limited	Equity	N/A	N/A	14,157	323,188	562,458
Japan Airlines Company Limited	Equity	N/A	N/A	21,300	716,853	657,890
Jardine Matheson Holdings Limited	Equity	N/A	N/A	2,200	142,396	139,370
Jardine Strategic Holdings Limited	Equity	N/A	N/A	36,977	482,699	1,541,571
Jazz Pharmaceuticals PLC	Equity	N/A	N/A	4,700	718,135	730,850
JD Sports Fashion PLC	Equity	N/A	N/A	39,536	134,220	179,999
Jeld-Wen Holding, Inc.	Equity	N/A	N/A	29,807	929,929	967,535
Jetblue Airways	Equity	N/A	N/A	284,100	1,775,660	6,486,003
Jiangnan Group Limited	Equity	N/A	N/A	1,181,000	379,040	102,853
JM AB	Equity	N/A	N/A	9,425	343,796	333,198
John Bean Technology	Equity	N/A	N/A	12,761	278,921	1,250,578
Johnson Controls Int'l, Inc.	Equity	N/A	N/A	700	32,183	30,352
Johnson & Johnson	Equity	N/A	N/A	91,843	9,038,014	12,149,910
Johnson & Johnson	Equity	N/A	N/A	11,351	1,162,491	1,501,624
Jounce Therapeutics, Inc.	Equity	N/A	N/A	18,324	331,587	257,086
JP Morgan Chase & Company	Equity	N/A	N/A	104,532	5,712,526	9,554,225
JP Morgan Chase & Company	Equity	N/A	N/A	29,062	2,313,121	2,656,267
JP Morgan Chase & Company	Equity	N/A	N/A	24,400	2,111,456	2,230,160
JP Morgan Chase & Company	Equity	N/A	N/A	43,078	2,185,919	3,937,329
Juniper Networks, Inc.	Equity	N/A	N/A	24,700	683,328	688,636
JX Holdings, Incorporated	Equity	N/A	N/A	38,100	156,090	166,220
Kaiser Aluminum Corporation	Equity	N/A	N/A	9,317	750,166	824,741
Kaken Pharmaceutical	Equity	N/A	N/A	11,400	614,454	621,311
Kar Auction Services, Incorporated	Equity	N/A	N/A	29,351	478,618	1,231,861
Karyopharm Therapeutics, Inc.	Equity	N/A	N/A	34,380	314,515	311,139
KBC Groep NV	Equity	N/A	N/A	7,807	488,182	592,164
KBC Groep NV	Equity	N/A	N/A	3,073	162,373	233,088
KDDI Corporation	Equity	N/A	N/A	76,700	1,786,203	2,024,880
KDDI Corporation	Equity	N/A	N/A	15,500	361,531	409,200
KDDI Corporation	Equity	N/A	N/A	47,200	845,802	1,246,080
Keiyo Bank Limited	Equity	N/A	N/A	74,000	395,796	319,751
Keller Group PLC	Equity	N/A	N/A	42,000	471,996	480,294
Kemper Corporation	Equity	N/A	N/A	24,586	930,183	949,020
Kennedy Wilson Holdings, Incorporated	Equity	N/A	N/A	93,151	1,974,443	1,774,527
Kerry Group PLC	Equity	N/A	N/A	13,397	944,820	1,180,061
Keycorp New	Equity	N/A	N/A	68,600	1,045,476	1,285,564
Keyence Corporation	Equity	N/A	N/A	3,500	908,377	1,547,875
Keysight Technologies, Incorporated	Equity	N/A	N/A	73,751	2,519,406	2,871,126
Kimball Electronics, Incorporated	Equity	N/A	N/A	13,494	164,072	243,567
Kimball International, Incorporated	Equity	N/A	N/A	28,790	274,053	480,505
Kinder Morgan, Inc.	Equity	N/A	N/A	3,700	74,549	70,892
Kingboard Chemicals Holdings	Equity	N/A	N/A	133,000	527,923	529,788
Kingfisher PLC	Equity	N/A	N/A	156,730	664,203	617,516
Kingfisher PLC	Equity	N/A	N/A	187,500	844,247	738,750
Kirby Corporation	Equity	N/A	N/A	6,004	343,851	401,367
KLA Tencor Corporation	Equity	N/A	N/A	5,200	490,668	475,852
Knight Transportation, Incorporated	Equity	N/A	N/A	45,223	1,360,986	1,675,512
Knoll, Incorporated	Equity	N/A	N/A	16,010	296,717	321,000

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest, collateral, par or maturity value							
(a)	(b)					(d)	(e)
Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value	
Kohls Corporation	Equity	N/A	N/A	29,800	1,424,682	1,152,366	
Kone OYJ-B	Equity	N/A	N/A	4,475	226,848	230,015	
Koninklijke Ahold NV	Equity	N/A	N/A	73,141	285,356	1,383,096	
Koninklijke Ahold NV	Equity	N/A	N/A	23,600	344,332	446,276	
Koninklijke Philips NV	Equity	N/A	N/A	22,400	17,835	795,850	
Konoike Transport Company Limited	Equity	N/A	N/A	26,500	335,470	360,951	
Korn Ferry International	Equity	N/A	N/A	32,902	834,652	1,136,106	
Kroger Company	Equity	N/A	N/A	20,400	237,291	475,728	
Kroger Company	Equity	N/A	N/A	24,812	737,437	578,616	
Kubota Corporation	Equity	N/A	N/A	97,500	1,473,632	1,636,196	
Kulicke & Soffa Industries, Incorporated	Equity	N/A	N/A	36,200	434,182	688,524	
Kyorin Company Limited	Equity	N/A	N/A	32,000	495,527	708,993	
Kyowa Exeo Corporation	Equity	N/A	N/A	30,000	272,856	503,845	
L Brands, Incorporated	Equity	N/A	N/A	138,700	7,128,784	7,474,543	
Laboratory Corporation of America Holdings	Equity	N/A	N/A	6,600	659,908	1,017,324	
Lakeland Bancorp, Incorporated	Equity	N/A	N/A	117,318	1,377,261	2,211,444	
Lam Research Corporation	Equity	N/A	N/A	5,963	839,732	843,347	
Lam Research Corporation	Equity	N/A	N/A	14,300	1,582,281	2,022,449	
Lamar Advertising Company	Equity	N/A	N/A	50,968	2,872,151	3,749,716	
Landstar System Holdings Inc	Equity	N/A	N/A	66,500	3,508,648	5,692,400	
Lannett, Incorporated	Equity	N/A	N/A	10,500	673,035	214,200	
Laredo Petroleum, Incorporated	Equity	N/A	N/A	31,306	385,690	329,339	
Lasalle Hotel Properties REIT	Equity	N/A	N/A	92,485	2,330,123	2,756,053	
Lasalle Hotel Properties REIT	Equity	N/A	N/A	65,089	1,909,110	1,939,652	
Lazard Limited Class A	Equity	N/A	N/A	23,818	1,039,765	1,103,488	
LCI Industries	Equity	N/A	N/A	10,274	963,442	1,052,058	
Lear Corporation	Equity	N/A	N/A	24,778	2,426,831	3,520,458	
Lear Corporation	Equity	N/A	N/A	7,400	572,364	1,051,392	
Lee & Man Paper Manufacturing	Equity	N/A	N/A	530,000	304,940	492,158	
LegacyTexas Financial Group	Equity	N/A	N/A	16,267	446,385	620,261	
Lend Lease Group	Equity	N/A	N/A	66,000	608,755	844,612	
Leonardo SPA	Equity	N/A	N/A	36,200	-	601,583	
Leucadia National Corporation	Equity	N/A	N/A	12,783	323,938	334,403	
Lexington Realty Trust	Equity	N/A	N/A	93,500	668,744	926,585	
Liberty Expedia Holdings	Equity	N/A	N/A	11,650	364,581	629,333	
Liberty Media Corporation	Equity	N/A	N/A	24,387	798,833	1,275,196	
Liberty Braves Group	Equity	N/A	N/A	74,747	1,311,101	1,791,686	
Lilly Eli & Company	Equity	N/A	N/A	24,774	2,075,275	2,038,900	
Lilly Eli & Company	Equity	N/A	N/A	13,642	1,140,799	1,122,737	
Lincoln National Corporation	Equity	N/A	N/A	45,748	2,327,008	3,091,650	
Lincoln National Corporation	Equity	N/A	N/A	22,900	1,100,193	1,547,582	
Lindblad Expeditions Holdings	Equity	N/A	N/A	133,219	1,337,229	1,398,799	
Linde AGE	Equity	N/A	N/A	9,004	1,546,087	1,710,760	
Link REIT	Equity	N/A	N/A	220,500	1,568,267	1,677,643	
Littelfuse, Incorporated	Equity	N/A	N/A	12,400	619,708	2,046,000	
Lloyds Banking Group PLC	Equity	N/A	N/A	2,619,337	3,071,092	2,305,017	
Lloyds Banking Group PLC	Equity	N/A	N/A	2,466,064	2,891,386	2,170,136	
Lonza AG	Equity	N/A	N/A	8,672	771,067	1,874,758	
Lonza AG	Equity	N/A	N/A	8,839	1,557,199	1,910,861	
Louisiana Pacific Corporation	Equity	N/A	N/A	40,019	647,114	964,858	
Louisiana Pacific Corporation	Equity	N/A	N/A	33,920	792,374	817,811	
Lowes Companies, Incorporated	Equity	N/A	N/A	9,800	723,797	759,794	
Loxo Oncology, Incorporated	Equity	N/A	N/A	17,440	383,349	1,398,514	
LSC Communications, Inc.	Equity	N/A	N/A	27,669	732,320	592,117	

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
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(a)	(b)				(d)		(e)
Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value	
LSC Communications, Inc.	Equity	N/A	N/A	4,100	318,468	87,740	
Lumentum Holdings, Inc.	Equity	N/A	N/A	21,295	1,186,558	1,214,880	
LVMH Moet Hennessy Louis Vuitton	Equity	N/A	N/A	6,974	1,419,758	1,746,952	
Lyondellbasell Industries NV	Equity	N/A	N/A	41,267	3,549,806	3,482,522	
Lyondellbasell Industries NV	Equity	N/A	N/A	6,412	589,896	541,109	
Mack Cali Realty Corporation	Equity	N/A	N/A	44,794	1,064,572	1,215,709	
Mack Cali Realty Corporation	Equity	N/A	N/A	29,100	578,319	789,774	
Macom Technology Solutions Holdings	Equity	N/A	N/A	21,208	842,050	1,182,770	
Macquarie Group Limited	Equity	N/A	N/A	3,400	-	231,337	
Macquarie Group Limited	Equity	N/A	N/A	12,700	-	864,112	
Macy's, Incorporated	Equity	N/A	N/A	12,800	736,735	297,472	
Madden Steven Limited	Equity	N/A	N/A	40,131	1,264,490	1,603,233	
Magna International	Equity	N/A	N/A	4,627	208,018	214,369	
Mallinckrodt PLC	Equity	N/A	N/A	9,615	433,174	430,848	
Man Group PLC	Equity	N/A	N/A	328,049	-	672,500	
Man Group PLC	Equity	N/A	N/A	207,900	-	426,195	
Manpower Group, Inc.	Equity	N/A	N/A	31,837	3,137,835	3,554,601	
Manpower Group, Inc.	Equity	N/A	N/A	13,200	1,287,932	1,473,780	
Mantech International Corporation	Equity	N/A	N/A	15,040	535,798	622,355	
Mapfre SA	Equity	N/A	N/A	227,802	790,104	795,644	
Marathon Petroleum Corporation	Equity	N/A	N/A	73,452	3,732,981	3,843,743	
Marathon Petroleum Corporation	Equity	N/A	N/A	12,000	289,222	627,960	
Marks and Spencer Group PLC	Equity	N/A	N/A	139,600	590,972	606,015	
Marriott International, Incorporated Class A	Equity	N/A	N/A	55,801	3,649,934	5,597,398	
Marriott International, Incorporated Class A	Equity	N/A	N/A	19,400	1,693,334	1,946,014	
Marriott Vacations Worldwide Corporation	Equity	N/A	N/A	11,177	307,519	1,316,092	
Marsh & McLennan	Equity	N/A	N/A	9,900	680,977	771,804	
Marubeni Corporation	Equity	N/A	N/A	137,400	837,568	886,641	
Marubeni Corporation	Equity	N/A	N/A	128,000	605,214	825,983	
Marvell Technology Group	Equity	N/A	N/A	172,200	2,195,891	2,844,744	
Masco Corporation	Equity	N/A	N/A	70,343	2,610,177	2,687,806	
Masonite International Corporation	Equity	N/A	N/A	9,912	584,862	748,356	
Masonite International Corporation	Equity	N/A	N/A	10,913	576,938	823,931	
Mastercard, Incorporated Class A	Equity	N/A	N/A	74,775	5,687,422	9,081,424	
Mastercard, Incorporated Class A	Equity	N/A	N/A	55,728	5,790,623	6,768,166	
Matador Resources Company	Equity	N/A	N/A	10,617	260,395	226,885	
Matahari Department Store	Equity	N/A	N/A	509,500	509,679	541,899	
Matsumotokiyoshi Holdings LTD	Equity	N/A	N/A	8,200	413,780	465,863	
Maxlinear, Incorporated Class A	Equity	N/A	N/A	17,987	339,877	501,657	
MB Financial, Incorporated	Equity	N/A	N/A	74,472	2,566,800	3,279,747	
MBIA, Inc.	Equity	N/A	N/A	111,677	956,593	1,053,114	
MCBC Holdings, Incorporated	Equity	N/A	N/A	87,885	1,098,144	1,718,152	
MC Dermott International, Inc.	Equity	N/A	N/A	88,000	457,170	630,960	
McDonald's Corporation	Equity	N/A	N/A	3,800	564,662	582,008	
McKesson Corporation	Equity	N/A	N/A	6,433	1,017,385	1,058,486	
Medidata Solutions, Incorporated	Equity	N/A	N/A	4,350	146,063	340,170	
Mednax, Incorporated	Equity	N/A	N/A	72,349	4,936,814	4,367,709	
Medtronic PLC	Equity	N/A	N/A	16,518	1,279,061	1,465,972	
Meggitt PLC	Equity	N/A	N/A	60,000	322,889	372,685	
Mellanox Technologies Limited	Equity	N/A	N/A	21,307	916,122	922,593	
Mercadolibre, Inc.	Equity	N/A	N/A	100	24,200	25,088	
Merck & Company, Incorporated	Equity	N/A	N/A	122,334	7,573,101	7,840,386	
Merck & Company, Incorporated	Equity	N/A	N/A	9,800	613,826	628,082	
Merck Contingent Value Rights	Equity	N/A	N/A	123,900	-	123,900	

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a)	(b)				(d)	(e)
Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value
Meritor, Incorporated	Equity	N/A	N/A	59,800	612,043	993,278
Mersana Therapeutics, Inc.	Equity	N/A	N/A	24,600	365,221	343,662
Metcash Limited	Equity	N/A	N/A	257,700	691,031	475,361
Methode Electronics, Incorporated	Equity	N/A	N/A	15,761	321,331	649,353
Metlife, Inc.	Equity	N/A	N/A	12,894	694,353	708,396
Metro AG	Equity	N/A	N/A	31,532	1,000,438	1,064,997
Metro AG	Equity	N/A	N/A	23,000	704,483	776,828
MFA Financial, Incorporated	Equity	N/A	N/A	202,800	1,555,059	1,701,492
MFA Financial, Incorporated	Equity	N/A	N/A	82,800	674,269	694,692
MGIC Investment Corporation	Equity	N/A	N/A	312,069	2,447,323	3,495,173
MGIC Investment Corporation	Equity	N/A	N/A	87,000	944,306	974,400
MGIC Investment Corporation	Equity	N/A	N/A	47,500	452,954	532,000
MGM Resorts International	Equity	N/A	N/A	31,811	916,736	995,366
MGM Growth Properties LLC-A	Equity	N/A	N/A	55,800	1,402,462	1,628,802
M/I Homes, Inc.	Equity	N/A	N/A	9,826	280,544	280,532
Michael Kors Holdings Limited	Equity	N/A	N/A	26,761	1,069,860	970,086
Michelin	Equity	N/A	N/A	7,335	-	975,163
Michelin	Equity	N/A	N/A	4,100	-	545,081
Microchip Technology, Incorporated	Equity	N/A	N/A	66,500	2,520,330	5,132,470
Microchip Technology, Incorporated	Equity	N/A	N/A	9,800	720,701	756,364
Microsemi Corporation	Equity	N/A	N/A	15,380	639,970	719,784
Microsoft Corporation	Equity	N/A	N/A	56,377	2,921,147	3,886,067
Microsoft Corporation	Equity	N/A	N/A	134,721	7,430,844	9,286,319
Microsoft Corporation	Equity	N/A	N/A	135,400	7,954,829	9,333,122
Microsoft Corporation	Equity	N/A	N/A	19,459	1,248,937	1,341,309
Mid Amer Apartment Communities	Equity	N/A	N/A	2,927	167,993	308,447
Middleby Corporation	Equity	N/A	N/A	98,043	5,420,945	11,913,205
Milacron Holdings Corporation	Equity	N/A	N/A	120,860	2,093,792	2,125,927
Mineral Resources Limited	Equity	N/A	N/A	43,800	407,435	365,261
Minerals Technologies, Incorporated	Equity	N/A	N/A	12,914	589,795	945,305
Mirvac Group	Equity	N/A	N/A	708,865	1,211,246	1,160,816
Mitchells & Butlers PLC	Equity	N/A	N/A	93,500	342,613	280,824
Mitie Group PLC	Equity	N/A	N/A	62,900	248,222	226,603
Mitsubishi Chemical Holdings	Equity	N/A	N/A	34,700	180,806	286,948
Mitsubishi Gas Chemical Company	Equity	N/A	N/A	32,850	353,881	693,654
Mitsubishi Tanabe Pharma	Equity	N/A	N/A	10,400	188,877	240,039
Mitsubishi UFJ Financial Group	Equity	N/A	N/A	234,300	1,396,311	1,572,345
Mitsubishi UFJ Financial Group	Equity	N/A	N/A	164,400	1,738,603	1,103,259
Mitsubishi Electric Corporation	Equity	N/A	N/A	16,500	206,455	233,475
Mitsui Chemicals, Inc.	Equity	N/A	N/A	286,000	1,470,962	1,512,957
Mizuho Financial Group limited	Equity	N/A	N/A	130,900	352,458	239,047
Mizuho Financial Group limited	Equity	N/A	N/A	559,900	1,204,318	1,022,478
MKS Instrs, Incorporated	Equity	N/A	N/A	50,785	1,715,492	3,417,830
Monarch Casino & Resort, Incorporated	Equity	N/A	N/A	40,909	778,448	1,237,497
Mondelez International	Equity	N/A	N/A	69,962	2,694,801	3,021,659
Mondi PLC	Equity	N/A	N/A	65,197	1,506,149	1,710,213
Mondi PLC	Equity	N/A	N/A	14,300	260,239	375,110
Monolithic Power Systems, Incorporated	Equity	N/A	N/A	11,617	574,034	1,119,879
Monster Beverage Corporation	Equity	N/A	N/A	60,003	2,732,784	2,980,949
Monster Beverage Corporation	Equity	N/A	N/A	1,500	71,539	74,520
Moody's Corporation	Equity	N/A	N/A	12,766	1,446,628	1,553,367
Moog, Incorporated Class A	Equity	N/A	N/A	13,375	674,519	959,255
Morgan Stanley	Equity	N/A	N/A	126,600	5,494,947	5,641,296
Morgan Stanley	Equity	N/A	N/A	22,030	1,022,851	981,657

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND

ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES

AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

Plan No. 001

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest	(d)		(e) Current Value
				Cost		
Morrison Supermarkets	Equity	N/A	N/A	205,855	620,197	646,698
MTGE Investment Corporation	Equity	N/A	N/A	70,994	1,238,831	1,334,687
Muenchener Rueckver AG	Equity	N/A	N/A	6,300	1,194,390	1,276,695
Murphy Oil Corporation	Equity	N/A	N/A	175,570	5,467,475	4,499,859
Murphy Oil Corporation	Equity	N/A	N/A	17,551	501,704	449,832
Murphy Oil Corporation	Equity	N/A	N/A	25,700	685,393	658,691
Murphy USA, Incorporated	Equity	N/A	N/A	10,500	626,529	778,155
Myer Holdings Limited	Equity	N/A	N/A	205,700	405,078	132,012
Mylan NV	Equity	N/A	N/A	13,900	708,961	539,598
Myokardia, Incorporated	Equity	N/A	N/A	45,712	509,727	598,827
Myr Group, Incorporated	Equity	N/A	N/A	11,534	284,304	357,785
Myriad Genetics, Incorporated	Equity	N/A	N/A	94,900	2,815,002	2,452,216
National Australia Bank Limited	Equity	N/A	N/A	19,872	474,850	451,945
National Retail Properties, Incorporated	Equity	N/A	N/A	13,896	295,612	543,334
National Storage Affiliates	Equity	N/A	N/A	70,210	1,599,088	1,622,553
Natixis	Equity	N/A	N/A	65,715	389,099	441,107
Natural Gas Services Group, Incorporated	Equity	N/A	N/A	25,644	588,862	637,253
Nautilus, Inc.	Equity	N/A	N/A	40,005	664,679	766,096
Naver Corporation	Equity	N/A	N/A	1,410	891,854	1,032,714
Navient Corporation	Equity	N/A	N/A	35,100	252,697	584,415
NCR Corporation	Equity	N/A	N/A	22,600	616,484	922,984
Nelnet, Incorporated Class A	Equity	N/A	N/A	2,886	113,742	135,671
Neopost SA	Equity	N/A	N/A	6,700	484,055	311,071
Neste Oil OYJ	Equity	N/A	N/A	8,000	266,206	315,143
Nestle SA	Equity	N/A	N/A	44,873	2,879,369	3,903,502
Nestle SA	Equity	N/A	N/A	11,370	774,943	989,076
Netflix, Incorporated	Equity	N/A	N/A	65,635	5,988,184	9,806,525
Netflix, Incorporated	Equity	N/A	N/A	16,600	2,084,288	2,480,206
New York Times Company	Equity	N/A	N/A	47,864	810,918	847,193
Nextera Energy, Incorporated	Equity	N/A	N/A	4,400	532,047	616,572
Nichi-Iko Pharmaceutical Company	Equity	N/A	N/A	11,200	179,521	174,460
Nicolet Bankshares, Inc.	Equity	N/A	N/A	10,100	485,778	552,571
Nike, Incorporated Class B	Equity	N/A	N/A	117,148	4,796,573	6,911,732
Nippon Electric Gas Company	Equity	N/A	N/A	49,000	308,776	1,779,640
Nippon Konpo Unyu Soko Company	Equity	N/A	N/A	20,200	363,058	466,230
Nippon Telegraph & Tele	Equity	N/A	N/A	41,100	1,690,115	1,940,351
Nippon Telegraph & Tele	Equity	N/A	N/A	40,000	926,747	1,888,420
Nissan Motor Company Limited	Equity	N/A	N/A	84,800	790,367	842,910
Nitto Kogyo Corporation	Equity	N/A	N/A	20,300	336,173	319,999
NMI Holdings, Inc.	Equity	N/A	N/A	85,257	897,421	976,193
Nokian Renkaat OYJ	Equity	N/A	N/A	26,854	1,035,650	1,111,530
Nordea AB	Equity	N/A	N/A	128,917	1,597,657	1,617,908
Nordstrom, Inc.	Equity	N/A	N/A	61,000	2,578,826	2,917,630
Norsk Hydro ASA	Equity	N/A	N/A	246,493	1,129,158	1,366,395
Northern Dynasty Minerals	Equity	N/A	N/A	153,803	468,418	213,786
Northrop Grumman Corporation	Equity	N/A	N/A	2,100	482,873	539,091
Northrop Grumman Corporation	Equity	N/A	N/A	6,215	1,508,554	1,595,453
Norwegian Cruise Line Holdings LTD	Equity	N/A	N/A	300	13,172	16,287
Northwestern Corporation	Equity	N/A	N/A	18,923	755,223	1,154,681
Novartis AG	Equity	N/A	N/A	17,329	1,330,363	1,442,125
NTT Docomo, Incorporated	Equity	N/A	N/A	20,600	-	485,719
Nu Skin Enterprises, Incorporated	Equity	N/A	N/A	26,148	1,148,657	1,643,140
Nucor Corporation	Equity	N/A	N/A	10,979	681,939	635,355
Nvidia Corporation	Equity	N/A	N/A	49,342	2,498,302	7,132,880

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(e)	
					(d) Cost	Current Value
NWS Holdings Limited	Equity	N/A	N/A	229,000	338,877	450,523
O Reilly Automotive, Incorporated	Equity	N/A	N/A	6,663	1,670,901	1,457,465
Oceaneering International, Incorporated	Equity	N/A	N/A	60,181	2,028,476	1,374,534
Oceaneering International, Incorporated	Equity	N/A	N/A	20,600	815,809	470,504
Oceanfirst Financial Corporation	Equity	N/A	N/A	39,703	1,045,536	1,076,745
Oceanfirst Financial Corporation	Equity	N/A	N/A	23,677	647,000	642,120
Oclaro, Incorporated	Equity	N/A	N/A	53,536	381,905	500,026
Office Depot, Inc.	Equity	N/A	N/A	171,722	902,773	968,512
Office Depot, Inc.	Equity	N/A	N/A	80,900	439,374	456,276
Old Dominion Freight Lines, Incorporated	Equity	N/A	N/A	11,118	253,874	1,058,878
Olympic Steel, Inc.	Equity	N/A	N/A	12,818	240,535	249,695
Omega Healthcare Invs, Incorporated	Equity	N/A	N/A	39,000	1,073,979	1,287,780
Omnova Solutions, Incorporated	Equity	N/A	N/A	166,745	1,308,568	1,625,764
On Semiconductor Corporation	Equity	N/A	N/A	34,187	529,570	479,985
On Semiconductor Corporation	Equity	N/A	N/A	55,340	869,541	776,974
Open Text Corporation	Equity	N/A	N/A	329,200	5,832,593	10,382,968
Oracle Corporation	Equity	N/A	N/A	39,828	1,768,752	1,996,976
Orange SA	Equity	N/A	N/A	41,200	-	660,436
Orbcomm, Incorporated	Equity	N/A	N/A	59,213	558,614	669,107
Orion OYJ Class B	Equity	N/A	N/A	8,342	520,312	532,813
Orix Corporation	Equity	N/A	N/A	104,100	1,615,796	1,610,437
Orkla ASA	Equity	N/A	N/A	13,082	131,985	132,991
Oshkosh Corporation Class B	Equity	N/A	N/A	7,800	284,220	537,264
Osram Light AG	Equity	N/A	N/A	4,506	339,905	359,203
Otonomy, Incorporated	Equity	N/A	N/A	41,974	869,319	791,210
Oversea Chinese Banking Corporation	Equity	N/A	N/A	183,300	1,390,937	1,436,575
Owens & Minor, Incorporated	Equity	N/A	N/A	11,800	396,428	379,842
Owens Corning, Incorporated	Equity	N/A	N/A	49,099	2,624,176	3,285,705
Owens Corning, Incorporated	Equity	N/A	N/A	13,400	735,581	896,728
Owens Ill, Incorporated	Equity	N/A	N/A	134,300	3,584,084	3,212,456
Owens Ill, Incorporated	Equity	N/A	N/A	18,300	284,084	437,736
Pacific Andes Resources	Equity	N/A	N/A	1,533,000	434,271	24,007
Pacific Premier Bancorp	Equity	N/A	N/A	75,146	2,275,500	2,772,887
Packging Corporation	Equity	N/A	N/A	35,956	2,270,229	4,005,139
Packging Corporation	Equity	N/A	N/A	9,000	444,787	1,002,510
Pacwest Bancorp	Equity	N/A	N/A	25,119	703,126	1,173,057
Paragon Group of Co PLC	Equity	N/A	N/A	84,600	404,996	470,722
Paramount Bed Holdings Company Limited	Equity	N/A	N/A	7,800	256,879	340,502
Parker Hannifin Corporation	Equity	N/A	N/A	24,545	3,565,259	3,922,782
Parker Hannifin Corporation	Equity	N/A	N/A	10,984	1,723,236	1,755,463
Pattern Energy Group, Incorporated	Equity	N/A	N/A	24,575	611,547	585,868
Paychex, Incorporated	Equity	N/A	N/A	43,800	1,632,062	2,493,972
Paylocity Holding Corporation	Equity	N/A	N/A	12,989	393,738	586,843
Paypal Holdings, Incorporated	Equity	N/A	N/A	49,900	1,979,162	2,678,133
Pegasystems, Inc.	Equity	N/A	N/A	12,552	481,830	732,409
Penumbra, Inc.	Equity	N/A	N/A	9,326	642,413	818,356
Pepsico, Incorporated	Equity	N/A	N/A	39,659	3,954,868	4,580,218
Pepsico, Incorporated	Equity	N/A	N/A	13,899	1,433,267	1,605,196
Performance Food Group Company	Equity	N/A	N/A	48,478	1,209,885	1,328,297
Persimmon PLC	Equity	N/A	N/A	31,511	768,530	920,155
Peugeot SA	Equity	N/A	N/A	28,435	570,902	567,212
Pfizer, Incorporated	Equity	N/A	N/A	275,659	9,466,450	9,259,386
Pfizer, Incorporated	Equity	N/A	N/A	55,988	1,922,314	1,880,637
PGT Innovations, Inc.	Equity	N/A	N/A	51,218	556,085	655,590

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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					(d) Cost	Current Value
Pharmerica Corporation	Equity	N/A	N/A	28,198	793,105	740,197
Philip Morris International	Equity	N/A	N/A	19,405	1,849,671	2,279,117
Philip Morris International	Equity	N/A	N/A	27,400	2,789,887	3,218,130
Phoenix Group Holdings	Equity	N/A	N/A	24,917	272,559	251,189
Physicians Realty Trust	Equity	N/A	N/A	71,776	1,557,760	1,445,569
Piedmont Office Realty Trust	Equity	N/A	N/A	49,100	884,496	1,035,028
Pinnacle Financial	Equity	N/A	N/A	14,041	259,830	881,775
Pinnacle West Capital Corporation	Equity	N/A	N/A	50,700	2,228,798	4,317,612
Pitney Bowes, Incorporated	Equity	N/A	N/A	35,900	532,862	542,090
Plantronics, Incorporated	Equity	N/A	N/A	104,103	4,736,927	5,445,628
Plexus Corporation	Equity	N/A	N/A	179,030	5,281,228	9,411,607
PNM Res, Incorporated	Equity	N/A	N/A	51,016	1,513,234	1,951,362
Polyone Corporation	Equity	N/A	N/A	50,748	1,376,489	1,965,978
Popular, Incorporated	Equity	N/A	N/A	31,247	1,055,149	1,303,312
Popular, Incorporated	Equity	N/A	N/A	47,661	1,963,807	1,987,940
Portola Pharmaceuticals, Incorporated	Equity	N/A	N/A	29,223	734,075	1,641,456
Post Holdings, Incorporated	Equity	N/A	N/A	15,429	789,021	1,198,062
Postnl NV	Equity	N/A	N/A	65,882	61,618	307,654
Postnl NV	Equity	N/A	N/A	98,300	432,176	459,039
Potash Corp Saskatchewan, Inc.	Equity	N/A	N/A	40,746	690,782	664,160
Potlatch Holdings, Inc.	Equity	N/A	N/A	23,733	953,842	1,084,598
Power Integrations, Incorporated	Equity	N/A	N/A	71,600	3,428,621	5,219,640
PPG Industries, Incorporated	Equity	N/A	N/A	200	21,168	21,992
PRA Group, Incorporated	Equity	N/A	N/A	22,886	693,164	867,379
PRA Health Sciences, Incorporated	Equity	N/A	N/A	34,321	1,093,944	2,574,418
Preferred Apartment Communities	Equity	N/A	N/A	36,755	505,442	578,891
Priceline Group, Incorporated	Equity	N/A	N/A	3,983	4,946,367	7,450,281
Priceline Group, Incorporated	Equity	N/A	N/A	6,364	9,520,831	11,903,989
Prima Meat Packers Limited	Equity	N/A	N/A	130,000	342,770	762,836
Principal Financial Group	Equity	N/A	N/A	17,500	478,811	1,121,225
Proassurance Corporation	Equity	N/A	N/A	17,698	574,404	1,076,038
Procter & Gamble Company	Equity	N/A	N/A	16,043	1,266,983	1,398,147
Progressive Corporation Ohio	Equity	N/A	N/A	11,000	444,325	484,990
Prologis, Inc.	Equity	N/A	N/A	21,950	1,114,314	1,287,148
Propetro Holding Corporation	Equity	N/A	N/A	21,438	295,868	299,274
Prosperity Bancshares, Incorporated	Equity	N/A	N/A	19,183	785,884	1,232,316
Proto Labs, Inc.	Equity	N/A	N/A	56,200	2,496,858	3,779,450
Prudential Financial, Incorporated	Equity	N/A	N/A	47,289	4,508,142	5,113,832
Prudential PLC	Equity	N/A	N/A	69,737	881,720	1,596,977
PS Business Pks, Incorporated	Equity	N/A	N/A	23,027	2,027,432	3,048,545
Public Service Enterprise Group, Incorporated	Equity	N/A	N/A	51,438	2,109,715	2,212,348
Public Service Enterprise Group, Incorporated	Equity	N/A	N/A	53,500	1,723,804	2,301,035
Public Service Enterprise Group, Incorporated	Equity	N/A	N/A	34,008	1,455,406	1,462,684
Publicis Groupe SA	Equity	N/A	N/A	3,248	9,901	242,281
Pulte Group, Inc.	Equity	N/A	N/A	29,572	662,405	725,401
PVH Corporation	Equity	N/A	N/A	9,932	896,968	1,137,214
Qantas Airways Limited	Equity	N/A	N/A	456,493	232,205	1,985,745
Qantas Airways Limited	Equity	N/A	N/A	151,000	-	656,850
Qep Resources, Incorporated	Equity	N/A	N/A	46,869	1,084,319	473,377
Qineti Group PLC	Equity	N/A	N/A	63,834	199,166	224,647
Qualcomm	Equity	N/A	N/A	51,339	3,068,652	2,834,940
Qualcomm	Equity	N/A	N/A	23,934	1,348,319	1,321,635
Quanta Services, Incorporated	Equity	N/A	N/A	10,003	262,748	329,299
Quanta Services, Incorporated	Equity	N/A	N/A	100,478	2,716,910	3,307,736

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest	(d)		(e) Current Value
				Cost		
Quanta Services, Incorporated	Equity	N/A	N/A	29,770	1,096,624	980,028
Quantenna Communications, Inc.	Equity	N/A	N/A	22,976	458,326	436,544
Quest Diagnostics, Incorporated	Equity	N/A	N/A	27,644	3,040,135	3,072,907
Quest Diagnostics, Incorporated	Equity	N/A	N/A	6,600	473,342	733,656
Quidel Corporation	Equity	N/A	N/A	20,255	517,195	549,721
RA Pharmaceuticals, Inc.	Equity	N/A	N/A	21,900	308,567	410,406
Ralph Lauren Corporation	Equity	N/A	N/A	28,100	4,974,046	2,073,780
Raven Industries, Incorporated	Equity	N/A	N/A	26,597	511,495	885,680
Raytheon Company	Equity	N/A	N/A	200	28,636	32,296
Raytheon Company	Equity	N/A	N/A	4,969	621,936	802,394
RBC Bearings, Incorporated	Equity	N/A	N/A	8,051	295,704	819,270
Realpage, Incorporated	Equity	N/A	N/A	106,500	2,132,309	3,828,675
Reckitt Benckiser Group PLC	Equity	N/A	N/A	22,981	2,013,879	2,352,105
Recordati SPA	Equity	N/A	N/A	6,850	275,725	278,007
Recruit Holdings Company	Equity	N/A	N/A	30,400	117,482	529,872
Red Electrica Corporation	Equity	N/A	N/A	62,893	1,294,936	1,327,042
Red Hat, Incorporated	Equity	N/A	N/A	50,005	2,678,466	4,787,979
Red Hat, Incorporated	Equity	N/A	N/A	19,100	1,524,434	1,828,825
Redrow PLC	Equity	N/A	N/A	63,300	427,901	450,976
Redwood Trust, Incorporated	Equity	N/A	N/A	87,818	1,220,996	1,496,419
Regeneron Pharmaceuticals, Incorporated	Equity	N/A	N/A	5,728	2,903,959	2,813,250
Regeneron Pharmaceuticals, Incorporated	Equity	N/A	N/A	200	75,144	98,228
Regions Financial Corporation	Equity	N/A	N/A	118,400	1,574,093	1,733,376
Regis Resources Limited	Equity	N/A	N/A	86,417	234,519	251,067
Reinsurance Group of America	Equity	N/A	N/A	8,740	437,390	1,122,129
Reinsurance Group of America	Equity	N/A	N/A	27,389	2,977,146	3,516,474
Reliance Steel & Aluminum Company	Equity	N/A	N/A	7,900	433,204	575,199
Relx NV	Equity	N/A	N/A	11,205	-	230,450
Renault SA Sedol	Equity	N/A	N/A	7,527	687,260	681,311
Renault SA Sedol	Equity	N/A	N/A	11,400	686,233	1,031,877
Repsol SA Sedol	Equity	N/A	N/A	55,032	1,015,343	842,256
Repsol SA Sedol	Equity	N/A	N/A	38,900	1,069,230	595,358
Republic Services, Incorporated	Equity	N/A	N/A	56,487	2,355,538	3,599,917
Resolute Energy Corporation	Equity	N/A	N/A	16,587	590,628	493,795
Resona Holdings, Incorporated	Equity	N/A	N/A	188,700	960,682	1,037,661
Restaurant Group PLC	Equity	N/A	N/A	64,600	301,634	275,554
Retail Opportunity Investments	Equity	N/A	N/A	69,797	1,052,120	1,339,404
Rexford Industrial Realty	Equity	N/A	N/A	157,961	3,636,378	4,334,450
Rexford Industrial Realty	Equity	N/A	N/A	22,992	507,838	630,900
Rexnord Corporation	Equity	N/A	N/A	33,857	767,350	787,175
Rheinmetall AG	Equity	N/A	N/A	8,200	732,730	778,894
RHI AG	Equity	N/A	N/A	14,343	385,319	531,592
Rieter Holding AG	Equity	N/A	N/A	2,000	328,790	456,565
Rio Tinto PLC	Equity	N/A	N/A	45,683	1,552,116	1,928,993
RLJ Lodging Trust	Equity	N/A	N/A	85,817	1,981,333	1,705,184
Roche Holding AG	Equity	N/A	N/A	11,564	2,428,322	2,919,910
Roche Holding AG	Equity	N/A	N/A	3,622	923,148	914,555
Roche Holding AG	Equity	N/A	N/A	5,180	1,299,726	1,307,950
Rockwell Collins, Inc.	Equity	N/A	N/A	2,700	270,443	283,716
Rogers Corporation	Equity	N/A	N/A	30,269	1,206,598	3,287,819
Rogers Corporation	Equity	N/A	N/A	6,552	273,968	711,678
Rohm Company Limited	Equity	N/A	N/A	13,100	698,202	1,005,139
Roper Technologies, Inc.	Equity	N/A	N/A	5,900	1,157,957	1,366,027
Ross Stores, Inc.	Equity	N/A	N/A	23,100	1,586,972	1,333,563

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(e)	
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Royal Caribbean Cruises Limited	Equity	N/A	N/A	19,400	1,483,922	2,119,062
Royal Caribbean Cruises Limited	Equity	N/A	N/A	75,200	2,628,195	8,214,096
Royal Caribbean Cruises Limited	Equity	N/A	N/A	12,300	1,067,979	1,343,529
Royal Dutch Shell PLC A	Equity	N/A	N/A	110,088	48,602	2,932,304
Royal Dutch Shell PLC A	Equity	N/A	N/A	8,733	135,982	232,612
Royal Dutch Shell PLC B	Equity	N/A	N/A	8,550	268,385	230,850
Royal Dutch Shell PLC B	Equity	N/A	N/A	20,500	648,362	553,500
Royal Mail PLC	Equity	N/A	N/A	54,400	346,816	298,435
RPC, Incorporated	Equity	N/A	N/A	43,816	520,190	885,521
RPS Group PLC	Equity	N/A	N/A	53,300	183,858	181,883
RSP Permian, Incorporated	Equity	N/A	N/A	19,648	474,574	634,041
Ryder System, Incorporated	Equity	N/A	N/A	13,400	670,292	964,532
Ryman Hospitality Properties, Inc.	Equity	N/A	N/A	7,573	481,110	484,748
S Foods, Incorporated	Equity	N/A	N/A	16,000	298,928	588,220
S&P Global, Incorporated	Equity	N/A	N/A	13,667	1,994,452	1,995,245
S&P Global, Incorporated	Equity	N/A	N/A	21,832	1,928,416	3,187,254
S&P Global, Incorporated	Equity	N/A	N/A	2,900	289,822	423,371
Sabra Health Care Reit, Incorporated	Equity	N/A	N/A	23,572	591,408	568,085
Sainsbury J PLC	Equity	N/A	N/A	211,000	922,368	691,717
Salesforce.Com	Equity	N/A	N/A	83,598	5,250,552	7,239,587
Salesforce.Com	Equity	N/A	N/A	51,200	3,445,698	4,433,920
Sally Beauty Company	Equity	N/A	N/A	16,405	307,839	332,201
Samsonite International SA	Equity	N/A	N/A	273,900	826,690	1,111,486
Samsung Electronics LTD	Equity	N/A	N/A	429	756,236	891,266
Sanderson Farms, Incorporated	Equity	N/A	N/A	15,838	1,435,631	1,831,665
Sandfire Resources	Equity	N/A	N/A	83,800	362,259	363,908
Sankyu, Incorporated	Equity	N/A	N/A	97,000	465,489	631,287
Sanofi Sedol	Equity	N/A	N/A	24,798	2,141,333	2,372,342
Sanofi Sedol	Equity	N/A	N/A	24,000	2,108,105	2,296,000
Santen Pharmaceutical Company	Equity	N/A	N/A	87,100	1,352,298	1,180,176
Sanyo Chemical Industries LTD	Equity	N/A	N/A	7,600	321,910	356,773
SAP SE Sedol	Equity	N/A	N/A	18,995	1,484,573	1,965,983
SAS AB SAS SS	Equity	N/A	N/A	152,600	290,797	333,286
Sawai Pharmaceuticals Company Limited	Equity	N/A	N/A	5,300	311,819	297,337
SBA Communications Corporation	Equity	N/A	N/A	1,000	119,867	134,900
Scana Corporation	Equity	N/A	N/A	18,500	1,222,455	1,239,685
Scentre Group	Equity	N/A	N/A	138,261	455,101	430,382
Schein Henry, Inc.	Equity	N/A	N/A	200	30,481	36,604
Schindler Holding	Equity	N/A	N/A	5,452	1,004,681	1,153,625
Schneider Electric SE	Equity	N/A	N/A	23,964	1,565,411	1,841,216
Schwab Charles Corporation	Equity	N/A	N/A	33,400	1,334,684	1,434,864
Scor Isin	Equity	N/A	N/A	9,539	349,238	378,165
Scor Isin	Equity	N/A	N/A	18,300	476,559	725,487
Seagate Technology	Equity	N/A	N/A	24,200	557,709	937,750
Seagate Technology	Equity	N/A	N/A	152,400	6,803,868	5,905,500
Sekisui Chemical Company Limited	Equity	N/A	N/A	104,000	810,430	1,859,470
Sekisui House Limited	Equity	N/A	N/A	46,400	698,179	816,615
Select Comfort Corporation	Equity	N/A	N/A	179,000	3,894,655	6,352,710
Select Energy Services, Inc.	Equity	N/A	N/A	64,353	921,792	781,889
Select Income	Equity	N/A	N/A	31,800	862,498	764,154
Semgroup Corporation Class A	Equity	N/A	N/A	47,595	1,669,260	1,285,065
Semtech Corporation	Equity	N/A	N/A	18,100	482,389	647,075
Senior Housing Property Trust	Equity	N/A	N/A	63,600	1,054,777	1,299,984
Service Now, Incorporated	Equity	N/A	N/A	33,500	2,354,261	3,551,000

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

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Seven Group Holdings Limited	Equity	N/A	N/A	24,000	264,836	201,803
Sherwin-Williams Company	Equity	N/A	N/A	2,000	613,961	701,920
Ship Finance International Limited	Equity	N/A	N/A	10,800	182,867	146,880
Shire PLC	Equity	N/A	N/A	15,758	3,432,911	2,604,325
Shire PLC	Equity	N/A	N/A	900	154,185	148,743
Shiseido Company	Equity	N/A	N/A	17,600	632,402	625,451
Sias SPA	Equity	N/A	N/A	45,300	409,708	499,545
Siemens AG	Equity	N/A	N/A	1,654	160,129	227,828
Sierra Bancorp	Equity	N/A	N/A	12,000	313,333	294,600
Signature Bank New York	Equity	N/A	N/A	7,645	1,092,438	1,097,287
Signature Bank New York	Equity	N/A	N/A	7,272	209,907	1,043,750
Silicon Laboratories, Inc.	Equity	N/A	N/A	8,254	500,235	564,161
Six Flags Entertainment Group	Equity	N/A	N/A	9,918	233,509	591,212
SJM Holdings LTD	Equity	N/A	N/A	181,000	195,571	191,860
Skandinaviska Enskilda	Equity	N/A	N/A	135,997	1,535,600	1,643,472
SKF AB-B Shares	Equity	N/A	N/A	67,832	1,366,155	1,380,381
Sky Network Television Limited	Equity	N/A	N/A	97,200	489,151	245,736
Sky Perfect Jsat Holdings, Incorporated	Equity	N/A	N/A	92,600	518,915	397,650
SMC Corporation	Equity	N/A	N/A	4,800	894,987	1,465,200
Smurfit Kappa Group PLC	Equity	N/A	N/A	35,600	670,589	1,108,205
Snap, Inc.	Equity	N/A	N/A	2,100	35,700	37,317
Softbrands, Inc.	Equity	N/A	N/A	5,163	1	5
Sojitz Corporation	Equity	N/A	N/A	351,300	881,850	862,698
Solar Capital LTD	Equity	N/A	N/A	42,298	929,207	925,057
Solvay SA	Equity	N/A	N/A	6,800	774,189	912,580
Sopra Group Sedol	Equity	N/A	N/A	2,400	371,335	383,078
South Jersey Industries, Incorporated	Equity	N/A	N/A	27,115	731,374	926,520
Southwest Gas Holdings, Inc.	Equity	N/A	N/A	15,295	672,955	1,117,453
Southwest Gas Holdings, Inc.	Equity	N/A	N/A	4,167	306,321	304,441
Southwestern Energy Company	Equity	N/A	N/A	35,930	359,783	218,454
Southwestern Energy Company	Equity	N/A	N/A	468,200	4,668,231	2,846,656
Spark New Zealand LTD	Equity	N/A	N/A	339,646	848,066	941,869
Spartannash Company	Equity	N/A	N/A	27,532	552,510	714,731
Spectranetics Corporation	Equity	N/A	N/A	19,339	478,907	742,618
Spicers Limited	Equity	N/A	N/A	115,200	-	2,479
Spire, Incorporated	Equity	N/A	N/A	6,855	358,374	478,136
Spirit Aerosystems Holdings Class A	Equity	N/A	N/A	34,178	1,654,593	1,980,273
Spirit Aerosystems Holdings Class A	Equity	N/A	N/A	21,100	990,751	1,222,534
Spirit Airlines, Incorporated	Equity	N/A	N/A	23,363	1,239,147	1,206,699
Splunk, Incorporated	Equity	N/A	N/A	37,635	1,941,766	2,141,055
SRC Energy, Inc.	Equity	N/A	N/A	233,732	1,585,322	1,573,016
SRC Energy, Inc.	Equity	N/A	N/A	123,239	1,057,900	829,398
Stada Arzneimittel AG	Equity	N/A	N/A	4,500	215,568	301,936
Standex International Corporation	Equity	N/A	N/A	11,026	967,233	1,000,058
Stanley Black & Decker, Inc.	Equity	N/A	N/A	2,200	300,501	309,606
Stanley Black & Decker, Inc.	Equity	N/A	N/A	10,149	1,305,719	1,428,269
Starbucks Corporation	Equity	N/A	N/A	24,188	1,362,014	1,410,402
Starwood Property Trust, Incorporated	Equity	N/A	N/A	35,600	819,687	797,084
State Auto Financial Corporation	Equity	N/A	N/A	24,352	670,151	626,577
State Str Corporation	Equity	N/A	N/A	29,400	2,373,346	2,638,062
State Str Corporation	Equity	N/A	N/A	19,775	1,573,894	1,774,411
Statoil ASA	Equity	N/A	N/A	62,151	1,088,400	1,025,491
Statoil ASA	Equity	N/A	N/A	19,600	762,806	323,400
Sterling Bancorp	Equity	N/A	N/A	117,688	1,961,495	2,736,246

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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EIN: 52-6152779
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Sterling Construction, Incorporated	Equity	N/A	N/A	25,454	181,888	332,684
Stifel Financial Corporation	Equity	N/A	N/A	20,375	504,853	936,842
Stockland NPV	Equity	N/A	N/A	263,201	948,485	886,306
Stora Enso OYJ	Equity	N/A	N/A	55,114	674,928	711,948
Stryker Corporation	Equity	N/A	N/A	26,000	3,192,598	3,608,280
Subaru Corporation	Equity	N/A	N/A	33,900	1,280,886	1,153,041
Subsea 7 SA	Equity	N/A	N/A	40,445	601,035	544,177
Suedzucker AG	Equity	N/A	N/A	27,331	669,839	571,443
Sumitomo Chemical Company	Equity	N/A	N/A	44,000	184,845	252,714
Sumitomo Corporation	Equity	N/A	N/A	18,200	202,928	236,572
Sumitomo Electric Industries	Equity	N/A	N/A	49,000	764,181	753,678
Sumitomo Mitsui Financial Group	Equity	N/A	N/A	25,300	924,060	991,127
Sumitomo Mitsui Financial Group	Equity	N/A	N/A	24,600	872,122	963,705
Sumitomo Osaka Cement	Equity	N/A	N/A	85,000	344,856	402,801
Summit Materials, Incorporated Class A	Equity	N/A	N/A	40,062	1,093,351	1,156,590
Summit Materials, Incorporated Class A	Equity	N/A	N/A	23,562	486,235	680,235
Suncorp Group Limited	Equity	N/A	N/A	21,124	205,812	240,615
Sunopta, Inc.	Equity	N/A	N/A	45,566	425,980	464,773
Suntory Beverage & Food Limited	Equity	N/A	N/A	22,500	929,307	1,044,232
Suntrust Banks, Incorporated	Equity	N/A	N/A	83,400	3,445,565	4,730,448
Suntrust Banks, Incorporated	Equity	N/A	N/A	21,700	771,426	1,230,824
Suntrust Banks, Incorporated	Equity	N/A	N/A	32,948	1,314,029	1,868,811
Super Micro Computer, Incorporated	Equity	N/A	N/A	126,100	3,814,785	3,108,365
Supervalu, Incorporated	Equity	N/A	N/A	75,500	666,583	248,395
Suzuki Motor Corporation	Equity	N/A	N/A	26,300	674,341	1,246,312
Suzuki Motor Corporation	Equity	N/A	N/A	39,100	1,354,455	1,852,883
Swedbank AB	Equity	N/A	N/A	28,700	461,204	699,385
Swedish Match AB	Equity	N/A	N/A	45,847	1,585,599	1,629,861
Swiss Life Holding AG	Equity	N/A	N/A	3,774	583,687	1,273,612
Swiss Life Holding AG	Equity	N/A	N/A	3,800	-	1,282,386
Swiss Re Limited	Equity	N/A	N/A	2,591	243,203	236,299
Swiss Re Limited	Equity	N/A	N/A	16,600	459,237	1,513,920
Sydbank A/S	Equity	N/A	N/A	19,100	681,475	719,952
Symrise Ag	Equity	N/A	N/A	13,445	466,467	951,856
Synaptics, Incorporated	Equity	N/A	N/A	39,600	2,512,661	2,047,716
Syndax Pharmaceuticals, Incorporated	Equity	N/A	N/A	34,259	438,551	478,598
Synopsys, Inc.	Equity	N/A	N/A	11,995	895,241	874,795
Synovus Financial Corporation	Equity	N/A	N/A	8,352	352,321	369,492
Taiwan Semiconductor Mtg Company	Equity	N/A	N/A	32,069	757,569	1,121,132
Take Two Interactive Software	Equity	N/A	N/A	13,428	662,891	985,347
Tate & Lyle PLC	Equity	N/A	N/A	159,482	1,437,409	1,375,095
Tate & Lyle PLC	Equity	N/A	N/A	62,200	604,445	536,305
Taylor Morrison Home Corporation	Equity	N/A	N/A	14,110	333,222	338,781
TCF Financial Corporation	Equity	N/A	N/A	76,919	968,451	1,226,089
TCF Financial Corporation	Equity	N/A	N/A	127,300	1,794,197	2,029,162
TD Ameritrade Holding Corporation	Equity	N/A	N/A	78,100	3,419,875	3,357,519
TDC A/S	Equity	N/A	N/A	47,407	247,990	275,688
TE Connectivity LTD	Equity	N/A	N/A	21,700	1,370,118	1,707,356
Technicolor Sedol	Equity	N/A	N/A	50,600	331,880	220,653
Technipfmc	Equity	N/A	N/A	31,800	1,129,854	864,960
Tegna, Incorporated	Equity	N/A	N/A	27,000	363,659	389,070
Teijin LTD	Equity	N/A	N/A	17,500	329,018	336,230
Teladoc, Incorporated	Equity	N/A	N/A	75,418	1,260,756	2,617,005
Teledyne Technologies, Incorporated	Equity	N/A	N/A	6,089	524,146	777,261

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a)	(b)				(d)	(e)
Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value
Telefonica Brasil SA	Equity	N/A	N/A	48,300	593,792	654,176
Teleperformance Sedol	Equity	N/A	N/A	1,781	138,661	228,133
Telephone and Data Systems, Inc.	Equity	N/A	N/A	33,306	952,438	924,241
Teliasonera AB	Equity	N/A	N/A	114,600	834,055	527,654
Tenaris SA	Equity	N/A	N/A	81,167	1,280,440	1,265,915
Tencent Holdings Limited	Equity	N/A	N/A	41,200	857,999	1,485,260
Tencent Holdings Limited	Equity	N/A	N/A	168,749	2,970,303	6,083,401
Tencent Holdings Limited Unspn	Equity	N/A	N/A	138,900	2,798,237	4,994,844
Tenneco, Incorporated	Equity	N/A	N/A	35,073	2,013,078	2,028,272
Teradyne, Incorporated	Equity	N/A	N/A	41,149	534,745	1,235,704
Teradyne, Incorporated	Equity	N/A	N/A	47,792	1,420,898	1,435,194
Teradyne, Incorporated	Equity	N/A	N/A	23,200	437,476	696,696
Tesaro, Incorporated	Equity	N/A	N/A	7,854	152,634	1,098,460
Tesla, Incorporated	Equity	N/A	N/A	7,729	1,664,970	2,794,884
Tesla, Incorporated	Equity	N/A	N/A	7,169	1,517,293	2,592,382
Tesoro Corporation	Equity	N/A	N/A	24,439	1,726,393	2,287,490
Tesoro Corporation	Equity	N/A	N/A	10,700	512,511	1,001,520
Texas Cap Bancshares, Incorporated	Equity	N/A	N/A	12,207	547,542	944,822
Texas Roadhouse, Incorporated	Equity	N/A	N/A	6,434	323,047	327,812
Textron, Inc.	Equity	N/A	N/A	500	24,411	23,550
The Travelers Companies, Incorporated	Equity	N/A	N/A	24,628	2,104,480	3,116,181
Thermo Fisher Scientific, Incorporated	Equity	N/A	N/A	15,334	2,176,184	2,675,323
Thermo Fisher Scientific, Incorporated	Equity	N/A	N/A	5,078	885,452	885,959
Tieto OYJ	Equity	N/A	N/A	10,400	241,265	321,548
Time Warner, Incorporated	Equity	N/A	N/A	31,461	2,747,673	3,158,999
Timken Company	Equity	N/A	N/A	10,028	462,709	463,795
TJX Companies, Incorporated	Equity	N/A	N/A	16,818	1,027,707	1,213,755
TJX Companies, Incorporated	Equity	N/A	N/A	169,800	8,560,696	12,254,466
Toagosei Company Limited	Equity	N/A	N/A	50,500	428,883	655,523
Toho Holding Company Limited	Equity	N/A	N/A	20,200	364,676	397,265
Tokai Rika Company Limited	Equity	N/A	N/A	32,300	682,275	593,590
Tokyo Election Limited	Equity	N/A	N/A	6,300	637,760	849,791
Tokyo Gas Company Limited	Equity	N/A	N/A	217,000	1,044,756	1,127,300
Tongda Group Holdings Limited	Equity	N/A	N/A	2,290,000	317,373	683,405
Topbuild Corporation	Equity	N/A	N/A	87,788	2,803,039	4,658,909
Toronto-Dominion Bank	Equity	N/A	N/A	30,869	1,279,234	1,555,180
Total SA Sedol	Equity	N/A	N/A	17,195	825,629	850,087
Total SA Sedol	Equity	N/A	N/A	32,400	2,105,788	1,601,793
Towa Pharmaceutical Company Limited	Equity	N/A	N/A	9,400	600,949	438,764
Towne Bank	Equity	N/A	N/A	29,335	645,299	903,518
Toyo Tire & Rubber Company Limited	Equity	N/A	N/A	20,300	-	413,129
Toyota Motor Corporation	Equity	N/A	N/A	17,800	867,492	932,611
Toyota Tsusho Corporation	Equity	N/A	N/A	6,600	209,118	197,607
TPI Composites, Inc.	Equity	N/A	N/A	30,922	513,341	571,439
Transdigm Group, Incorporated	Equity	N/A	N/A	21,742	3,780,588	5,845,772
Trevena, Incorporated	Equity	N/A	N/A	116,296	883,380	267,481
Tri Pointe Group, Inc.	Equity	N/A	N/A	54,110	677,532	713,711
Trinet Group, Incorporated	Equity	N/A	N/A	67,066	1,337,908	2,195,741
Trinity Mirror PLC	Equity	N/A	N/A	76,300	731,141	97,638
Trinseo SA	Equity	N/A	N/A	28,158	1,748,749	1,934,455
Trinseo SA	Equity	N/A	N/A	12,600	866,755	865,620
Tripadvisor, Incorporated	Equity	N/A	N/A	32,900	2,264,549	1,256,780
Triumph Bancorp, Incorporated	Equity	N/A	N/A	26,344	693,407	646,745
Triumph Bancorp, Incorporated	Equity	N/A	N/A	27,306	372,264	670,362

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

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(a)	(b)				(d)	
Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value
Trupanion, Inc.	Equity	N/A	N/A	28,400	421,503	635,592
TS Tech Company Limited	Equity	N/A	N/A	11,100	-	11,100
Tsubakimoto Chain Company	Equity	N/A	N/A	45,000	332,994	387,286
TTM Technologies	Equity	N/A	N/A	26,800	437,207	465,248
Tutor Perini Corporation	Equity	N/A	N/A	26,100	553,890	750,375
Two Harbors Investment Corporation	Equity	N/A	N/A	59,800	660,879	592,618
Tyson Foods, Incorporated Class A	Equity	N/A	N/A	26,951	1,682,201	1,687,941
Tyson Foods, Incorporated Class A	Equity	N/A	N/A	17,700	1,070,602	1,108,551
Tyson Foods, Incorporated Class A	Equity	N/A	N/A	17,446	944,233	1,092,643
UBE Industries LTD	Equity	N/A	N/A	208,000	452,511	534,448
Ubiquiti Networks, Incorporated	Equity	N/A	N/A	110,700	3,800,534	5,753,079
UBS Group AG	Equity	N/A	N/A	800	-	13,584
UGI Holding Corporation	Equity	N/A	N/A	59,200	1,459,826	2,865,872
Ullico, Incorporated Class A	Equity	N/A	N/A	755,985	16,040,362	10,319,195
Ullico, Incorporated Class B	Equity	N/A	N/A	1,256,782	18,964,350	17,155,074
Ultra Petroleum	Equity	N/A	N/A	546,959	7,417,432	5,934,505
Ultragenyx Pharmaceutical, Incorporated	Equity	N/A	N/A	1,200	25,200	74,532
Ulvac, Inc.	Equity	N/A	N/A	7,000	341,935	336,329
UMH Properties, Inc.	Equity	N/A	N/A	27,501	469,494	468,892
Umicore	Equity	N/A	N/A	19,602	1,102,297	1,358,850
Unilever Plc NV	Equity	N/A	N/A	27,467	1,061,472	1,466,738
Union Pacific Corporation	Equity	N/A	N/A	100	11,134	10,891
Uniper SE	Equity	N/A	N/A	2,170	25,519	40,684
United Community Banks	Equity	N/A	N/A	40,194	777,560	1,117,393
United Continental Holdings, Incorporated	Equity	N/A	N/A	43,264	2,729,460	3,255,616
United Continental Holdings, Incorporated	Equity	N/A	N/A	25,200	1,313,022	1,896,300
United Continental Holdings, Incorporated	Equity	N/A	N/A	13,516	1,020,801	1,017,079
United Overseas Bank	Equity	N/A	N/A	13,951	213,879	234,375
United Rentals, Inc.	Equity	N/A	N/A	8,786	997,312	990,270
United Therapeutics Corporation	Equity	N/A	N/A	13,943	1,441,833	1,808,825
Unitedhealth Group, Incorporated	Equity	N/A	N/A	12,780	2,317,511	2,369,668
Unitedhealth Group, Incorporated	Equity	N/A	N/A	35,800	4,593,575	6,638,036
Unitedhealth Group, Incorporated	Equity	N/A	N/A	7,190	1,209,011	1,333,170
Universal Health Services, Incorporated Class B	Equity	N/A	N/A	46,760	5,282,119	5,708,461
Unum Group	Equity	N/A	N/A	47,430	1,637,928	2,211,661
Unum Group	Equity	N/A	N/A	35,600	984,200	1,660,028
UPM Kymmene Corporation	Equity	N/A	N/A	20,764	444,383	592,172
Urban Outfitters, Incorporated	Equity	N/A	N/A	63,600	2,274,833	1,179,144
US Concrete, Incorporated	Equity	N/A	N/A	17,540	571,206	1,377,767
US Concrete, Incorporated	Equity	N/A	N/A	10,319	537,995	810,557
US Silica Holdings, Incorporated	Equity	N/A	N/A	9,654	270,700	246,797
US Silica Holdings, Incorporated	Equity	N/A	N/A	26,489	549,317	940,095
Valeo Sedol	Equity	N/A	N/A	6,600	229,943	444,679
Valero Energy Corporation	Equity	N/A	N/A	50,901	2,532,902	3,433,781
Valero Energy Corporation	Equity	N/A	N/A	29,200	696,572	1,969,832
Valero Energy Corporation	Equity	N/A	N/A	7,001	348,950	472,287
Validus Holdings Limited	Equity	N/A	N/A	11,200	337,994	582,064
Vantiv, Inc.	Equity	N/A	N/A	300	19,316	19,002
Varex Imaging Corporation	Equity	N/A	N/A	24,785	859,155	837,733
Varex Imaging Corporation	Equity	N/A	N/A	23,280	464,056	786,864
Varian Medical Systems, Incorporated	Equity	N/A	N/A	55,100	3,270,915	5,685,769
Vereit, Inc.	Equity	N/A	N/A	83,200	697,671	677,248
Verint Systems, Incorporated	Equity	N/A	N/A	20,584	844,832	837,769
Verisign, Incorporated	Equity	N/A	N/A	37,540	2,824,112	3,489,718

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
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Verizon Communications, Incorporated	Equity	N/A	N/A	123,358	6,173,690	5,509,168
Vertex Pharmaceuticals, Incorporated	Equity	N/A	N/A	7,783	938,031	1,002,995
Vertex Pharmaceuticals, Incorporated	Equity	N/A	N/A	17,795	1,602,555	2,293,242
Vertex Pharmaceuticals, Incorporated	Equity	N/A	N/A	23,600	2,118,521	3,041,332
Vestas Wind Systems A/S	Equity	N/A	N/A	4,190	-	386,318
Vestas Wind Systems A/S	Equity	N/A	N/A	16,215	80,550	1,495,023
Vesuvius PLC	Equity	N/A	N/A	45,400	247,255	313,693
Viacom, Incorporated Class B	Equity	N/A	N/A	14,600	833,254	490,122
Viad Corporation	Equity	N/A	N/A	25,470	660,760	1,203,457
Viasat, Incorporated	Equity	N/A	N/A	65,900	4,015,156	4,000,039
Viavi Solutions, Incorporated	Equity	N/A	N/A	70,559	466,943	742,986
Vinci SA NV	Equity	N/A	N/A	2,650	177,085	226,186
Visa, Incorporated Class A	Equity	N/A	N/A	95,920	5,355,445	8,995,378
Visa, Incorporated Class A	Equity	N/A	N/A	87,000	4,057,793	8,158,860
Vishay Interotechnology, Incorporated	Equity	N/A	N/A	24,578	256,748	407,995
Vishay Interotechnology, Incorporated	Equity	N/A	N/A	70,700	749,385	1,173,620
Visteon Corporation	Equity	N/A	N/A	4,571	344,024	466,516
Vodafone Group PLC	Equity	N/A	N/A	473,692	1,392,794	1,331,075
Voestal Pine AG	Equity	N/A	N/A	11,200	274,089	521,918
Volkswagen AG	Equity	N/A	N/A	4,529	730,953	702,348
Volkswagen AG	Equity	N/A	N/A	5,800	876,889	899,452
Volvo AB-B	Equity	N/A	N/A	14,078	164,278	242,845
Volvo AB-B	Equity	N/A	N/A	62,200	605,777	1,072,950
Voya Financial, Incorporated	Equity	N/A	N/A	92,170	3,493,715	3,400,151
VWR Corporation	Equity	N/A	N/A	28,919	719,352	954,616
Wabtec Corporation	Equity	N/A	N/A	1,400	111,738	128,100
Wageworks, Incorporated	Equity	N/A	N/A	22,383	866,156	1,504,138
Walgreens Boots Alliance, Inc.	Equity	N/A	N/A	20,800	1,807,664	1,628,848
Wal-Mart Stores, Inc.	Equity	N/A	N/A	88,087	6,226,058	6,666,424
Warrior Met Coal, Inc.	Equity	N/A	N/A	18,609	343,297	318,772
Washington Prime Group, Inc.	Equity	N/A	N/A	56,700	571,651	474,579
Waste Management, Inc.	Equity	N/A	N/A	21,079	1,535,023	1,546,145
Watts Water Technologies, Incorporated Class A	Equity	N/A	N/A	24,316	878,715	1,536,771
Wayfair, Incorporated Class A	Equity	N/A	N/A	73,762	2,652,688	5,670,823
Weatherford International Limited	Equity	N/A	N/A	691,344	4,235,706	2,675,501
Wells Fargo & Company	Equity	N/A	N/A	28,208	1,275,082	1,563,005
Wesco Aircraft Holdings, Inc.	Equity	N/A	N/A	39,800	397,867	431,830
West Corporation	Equity	N/A	N/A	25,981	683,245	605,877
Western Alliance Bancorp	Equity	N/A	N/A	75,900	2,535,148	3,734,280
Western Digital Corporation	Equity	N/A	N/A	15,500	458,862	1,373,300
Westpac Banking Corporation	Equity	N/A	N/A	55,162	1,336,830	1,297,410
Westrock Company	Equity	N/A	N/A	46,791	2,582,190	2,651,178
Westrock Company	Equity	N/A	N/A	3,156	181,371	178,819
Westrock Company	Equity	N/A	N/A	24,440	1,329,153	1,384,770
Wex, Incorporated	Equity	N/A	N/A	8,944	226,998	932,591
WH Group Limited	Equity	N/A	N/A	1,964,000	1,637,368	1,924,720
WH Group Limited	Equity	N/A	N/A	738,500	577,059	723,730
Wheelock & Company Limited	Equity	N/A	N/A	78,900	351,157	595,227
Whirlpool Corporation	Equity	N/A	N/A	6,600	408,027	1,264,692
Whitebread PLC	Equity	N/A	N/A	14,265	1,076,443	737,050
Wiley John A Sons, Incorporated Class A	Equity	N/A	N/A	14,335	519,687	756,171
Wiley John A Sons, Incorporated Class A	Equity	N/A	N/A	2,816	149,853	148,544
Willis Towers Watson PLC	Equity	N/A	N/A	8,160	1,080,619	1,186,954
Wilmar International Limited	Equity	N/A	N/A	187,500	470,077	456,236

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
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					Cost		
Wingstop, Incorporated	Equity	N/A	N/A	85,621	2,173,226		2,645,689
Wintrust Financial Corporation	Equity	N/A	N/A	22,908	793,317		1,751,088
Wisdomtree Investments, Incorporated	Equity	N/A	N/A	130,884	1,469,513		1,331,090
Wix.com	Equity	N/A	N/A	6,443	295,210		448,433
Wolters Kluwer CVA	Equity	N/A	N/A	5,388	-		5
Wolverine World Wide, Incorporated	Equity	N/A	N/A	23,577	535,014		660,392
Workday, Incorporated Class A	Equity	N/A	N/A	32,047	2,718,277		3,108,559
Workday, Incorporated Class A	Equity	N/A	N/A	12,400	934,987		1,202,800
World Fuel Services Corporation	Equity	N/A	N/A	25,361	921,273		975,130
Wyndham Worldwide Corporation	Equity	N/A	N/A	44,300	1,916,149		4,448,163
Xcel Energy, Inc.	Equity	N/A	N/A	34,533	1,533,568		1,584,374
Xenia Hotels & Resorts, Inc.	Equity	N/A	N/A	34,300	676,529		664,391
Xerox Corporation	Equity	N/A	N/A	30,325	1,136,318		871,237
Xilinx, Inc.	Equity	N/A	N/A	800	51,736		51,456
Xinyi Glass Holdings LTD	Equity	N/A	N/A	476,000	379,308		461,720
XL Group PLC	Equity	N/A	N/A	37,350	1,543,861		1,635,930
XL Group PLC	Equity	N/A	N/A	11,000	484,755		481,800
XPO Logistics, Incorporated	Equity	N/A	N/A	23,445	668,941		1,515,250
Yamaha Motor Company Limited	Equity	N/A	N/A	22,700	373,109		584,882
Yara International ASA	Equity	N/A	N/A	14,500	695,301		544,656
Yokohama Rubber Company Limited	Equity	N/A	N/A	34,200	-		685,672
Yue Yuen Industrial Holdings	Equity	N/A	N/A	59,000	225,925		244,843
Yue Yuen Industrial Holdings	Equity	N/A	N/A	174,000	637,757		722,079
Yum! Brands, Incorporated	Equity	N/A	N/A	25,500	1,603,298		1,880,880
Zendesk, Incorporated	Equity	N/A	N/A	27,193	633,929		755,422
Zimmer Biomet Holdings, Incorporated	Equity	N/A	N/A	41,962	4,289,964		5,387,921
Zions Bancorp	Equity	N/A	N/A	11,500	304,894		504,965
Zoetis, Inc.	Equity	N/A	N/A	8,300	443,830		517,754
Zurich Financial Services	Equity	N/A	N/A	3,200	595,957		931,401
Zurich Financial Services	Equity	N/A	N/A	2,029	431,253		590,565
Total Common & Preferred Stocks					\$ 1,815,968,028	\$	2,291,378,100
<u>Mutual and Other Funds</u>							
AFL-CIO Equity Index Fund	Mutual Fund	N/A	N/A	10,965,835	\$ 213,324,798	\$	227,631,005
AQR Global Risk Premium Offshore Fund	Mutual Fund	N/A	N/A	323	50,000,000		58,759,909
Bell Australia Trust	Mutual Fund	N/A	N/A	2,178,263	32,838,392		193,992,533
Bell International Trust	Mutual Fund	N/A	N/A	927,963	9,277,623		19,647,402
Bluebay Global Funds SPC	Mutual Fund	N/A	N/A	903,610	80,273,894		82,833,913
Boston Company Emerging Markets Equity Fd	Mutual Fund	N/A	N/A	1,669	109,999,595		111,598,029
Frontier Mfg Core Infrastructure Fund	Mutual Fund	N/A	N/A	3,030,763	40,932,163		48,007,293
Invesco Balanced Risk Allocation Trust	Mutual Fund	N/A	N/A	4,769,862	96,975,376		96,494,309
Ishares Tr Russell 2000 Index Fund	Mutual Fund	N/A	N/A	80,907	11,236,371		11,870,306
JP Morgan Emerging Markets Equity Fund	Mutual Fund	N/A	N/A	9,047,899	157,831,123		184,667,626
JP Morgan Infrastructure Investments Fund	Mutual Fund	N/A	N/A	126,552	100,000,000		112,767,536
Loomis Sayles Bond Nhit	Mutual Fund	N/A	N/A	7,137,457	84,129,206		100,138,520
Lord Abbett International Small Cap Trust	Mutual Fund	N/A	N/A	75,000	75,000,000		96,355,500
NIS Preferred Stock Fund II	Mutual Fund	N/A	N/A	10,157,798	40,000,000		51,104,810
Northern Trust Aggregate Bond Index Fund	Mutual Fund	N/A	N/A	740,580	96,470,657		102,777,694
Northern Trust Russell 2000 Growth Index	Mutual Fund	N/A	N/A	444,443	125,734,242		137,267,665
Vanguard REIT Index Fund	Mutual Fund	N/A	N/A	1,564,294	27,528,332		28,548,367
Voya Senior Loan Trust Fund	Mutual Fund	N/A	N/A	6,431,471	94,173,741		104,479,878
Total Mutual and Other Funds					\$ 1,445,725,513	\$	1,768,942,295

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<u>Real Estate Investment Funds</u>							
	AFL-CIO Building Investment Trust	CCT	N/A	N/A	30,209	\$ 40,357,586	\$ 203,973,513
	Multi Employer Property Trust	CCT	N/A	N/A	19,788	31,494,119	206,554,355
	Ullico J for Jobs Mortgage Fund	PSA	N/A	N/A	7,025,254	84,987,884	100,654,084
	Total Real Estate Funds					\$ 156,839,589	\$ 511,181,952
<u>Partnerships</u>							
	Boyd Watterson GSA Fund, LP	LP	N/A	N/A	N/A	\$ 48,000,000	\$ 52,644,635
	Clifton Commodities Fund, LP	LP	N/A	N/A	N/A	186,000,000	107,418,304
	Diplomat Properties LP, A Delaware Limited Partnership	LP	N/A	N/A	N/A	1,237,658	1,237,658
	Entrust Cap Div C Class Fund, LP	LP	N/A	N/A	N/A	12,885,658	10,009,273
	Gerding Edlen Green Cities II, LP	LP	N/A	N/A	N/A	27,092,441	36,346,805
	Gerding Edlen Green Cities III, LP	LP	N/A	N/A	N/A	14,516,629	16,354,152
	GESD Investors LP	LP	N/A	N/A	N/A	7,789,518	2,265,102
	Grosvenor CIS II Offshore Feeder Fund LP	LP	N/A	N/A	N/A	18,932,709	19,581,904
	Hamilton Lane Secondary Fund IV LP	LP	N/A	N/A	N/A	3,018,350	4,858,003
	Harrison Street Real Estate Partners IV, LP	LP	N/A	N/A	N/A	17,650,528	20,447,795
	Intercontinental Real Estate Investment Fund	LP	N/A	N/A	N/A	71,832	42,091
	Mesirow Finl Real Estate Value Fund, LP	LP	N/A	N/A	N/A	10,231,513	33,336,115
	Mesirow Finl Real Estate Value Fund II, LP	LP	N/A	N/A	N/A	43,320,873	49,896,116
	Mesirow Finl Private Equity Partnership Fd VI	LP	N/A	N/A	N/A	46,278,604	50,827,746
	Paladin Capital Partners Fund, LP	LP	N/A	N/A	N/A	29,207,831	190,399
	Pinnacle Natural Resources Offshore ERISA	LP	N/A	N/A	N/A	50,000,000	50,568,380
	Potomac Energy Fund, LP	LP	N/A	N/A	N/A	26,070,000	1,080,000
	Potomac Energy Fund II, LP	LP	N/A	N/A	N/A	41,099,135	1,000,000
	Realty Associate Fund VIII	LP	N/A	N/A	N/A	48,844,652	21,755,033
	Ullico Infrastructure Fund LP	LP	N/A	N/A	N/A	29,834,370	31,656,525
	Total Partnerships					\$ 662,082,301	\$ 511,516,036
<u>Investment Contract with Insurance Company</u>							
	Brighthouse Financial Annuity Insurance	GIC	N/A	N/A	N/A	\$ 1,802,646	\$ 1,802,646
						\$ 1,802,646	\$ 1,802,646
Total assets held for investment purposes						\$ 4,692,132,777	\$ 5,683,174,394

Exhibit 3
Schedule MB, Line 6 – Summary of Plan Provisions

1. Normal Pension

Age Requirement	65 or, if later, the fifth anniversary of participation.
Commencement of Credited Service	A participant receives one full year of Pension Credit, for each year of 1,500 which is prorated for each 150 hours less than 1,500 for service following the Contribution Date.
Benefit	The monthly Normal Pension amount is equal to the benefit accrued under the Plan in effect December 31, 2004 under Schedule A plus accrual of benefits under Schedule B for service in 2005 plus benefits accrual under Schedule B or C, depending on whether a 25% increase in the current contribution rate was adopted as of July 1, 2006 for 2006, plus Schedule D thereafter, based on the contribution rate and prorated for less than 35 years of credited service as follows:

Schedule A – benefit rates prior to January 1, 2005

Hourly Contribution Rate	Monthly Normal Pension	Hourly Contribution Rate	Monthly Normal Pension
\$0.10	\$140	\$2.10	\$2,333
0.20	281	2.20	2,418
0.30	420	2.30	2,495
0.40	559	2.40	2,570
0.50	699	2.50	2,647
0.60	825	2.60	2,722
0.70	937	2.70	2,800
0.80	1,054	2.80	2,876
0.90	1,167	2.90	2,951
1.00	1,280	3.00	3,027
1.10	1,394	3.10	3,104
1.20	1,494	3.20	3,181
1.30	1,593	3.30	3,256
1.40	1,692	3.40	3,325
1.50	1,793	3.50	3,396
1.60	1,893	3.60	3,460
1.70	1,987	3.70	3,536
1.80	2,071	3.80	3,606
1.90	2,158	3.90	3,676
2.00	2,245	4.00	3,746

For contribution rates over \$4.00 per hour, 2.25% of the additional contribution is added to the monthly normal pension, or if greater, the pension determined from the \$1.10 contribution rate plus 2.25% of the contribution rate in excess of \$1.10.

Exhibit 3
Schedule MB, Line 6 – Summary of Plan Provisions

Schedule B – for benefits earned in 2005 and for 2006 and later under agreements if the 25% contribution increase is not adopted as of July 1, 2006.

Hourly Contribution Rate	Monthly Normal Pension	Hourly Contribution Rate	Monthly Normal Pension
\$ 0.10	\$ 35	\$ 2.10	\$ 583
0.20	70	2.20	604
0.30	105	2.30	624
0.40	140	2.40	643
0.50	175	2.50	662
0.60	206	2.60	680
0.70	234	2.70	700
0.80	264	2.80	719
0.90	292	2.90	738
1.00	320	3.00	757
1.10	349	3.10	776
1.20	373	3.20	795
1.30	398	3.30	814
1.40	423	3.40	831
1.50	448	3.50	849
1.60	473	3.60	867
1.70	497	3.70	884
1.80	518	3.80	902
1.90	540	3.90	919
2.00	561	4.00	937

On and after January 1, 2005, contribution rates at \$4.01 and above provide additional monthly benefits of 0.375% of all contributions above \$4.00 per hour under Schedule B.

Schedule C – for benefits earned in 2006 under agreements if the 25% increase in contributions is adopted as of July 1, 2006.

Hourly Contribution Rate	Monthly Normal Pension	Hourly Contribution Rate	Monthly Normal Pension
\$0.10	\$73	\$2.60	\$1,157
0.20	112	2.70	1,191
0.30	169	2.80	1,225
0.40	224	2.90	1,255
0.50	280	3.00	1,285
0.60	336	3.10	1,316
0.70	386	3.20	1,345
0.80	431	3.30	1,376
0.90	476	3.40	1,407
1.00	527	3.50	1,438
1.10	572	3.60	1,468
1.20	617	3.70	1,498
1.30	664	3.80	1,528
1.40	706	3.90	1,559
1.50	747	4.00	1,590
1.60	786	4.10	1,621
1.70	826	4.20	1,649
1.80	867	4.30	1,676
1.90	907	4.40	1,705
2.00	946	4.50	1,733
2.10	985	4.60	1,761
2.20	1,019	4.70	1,789
2.30	1,054	4.80	1,817
2.40	1,088	4.90	1,845
2.50	1,122	5.00	1,873

Exhibit 3
Schedule MB, Line 6 – Summary of Plan Provisions

On and after January 1, 2006, contribution rates at \$5.01 and above provide additional monthly benefits of 0.75% of all contributions above \$5.00 per hour under Schedule C.

Schedule D – for benefits earned in 2007 and later under agreements if the 25% increase in contributions is adopted as of January 1, 2007.

Hourly Contribution Rate	Monthly Normal Pension	Hourly Contribution Rate	Monthly Normal Pension
\$0.10	\$109	\$2.60	\$1,736
0.20	169	2.70	1,787
0.30	254	2.80	1,837
0.40	337	2.90	1,882
0.50	420	3.00	1,927
0.60	504	3.10	1,974
0.70	579	3.20	2,018
0.80	647	3.30	2,064
0.90	714	3.40	2,111
1.00	791	3.50	2,157
1.10	859	3.60	2,202
1.20	926	3.70	2,247
1.30	995	3.80	2,293
1.40	1,059	3.90	2,339
1.50	1,120	4.00	2,386
1.60	1,180	4.10	2,431
1.70	1,240	4.20	2,473
1.80	1,301	4.30	2,514
1.90	1,360	4.40	2,557
2.00	1,420	4.50	2,599
2.10	1,477	4.60	2,641
2.20	1,528	4.70	2,683
2.30	1,581	4.80	2,725
2.40	1,632	4.90	2,767
2.50	1,684	5.00	2,809

Exhibit 3
Schedule MB, Line 6 – Summary of Plan Provisions

On and after January 1, 2007, contribution rates at \$5.01 and above provide additional monthly benefits of 1.125% of all contributions above \$5.00 per hour under Schedule D.

The benefits valued in this report do not reflect any other benefits structure adopted that may be contingent on accrual rates based on the adoption of higher contributions subsequent to July 1, 2007.

For contracts bargained in accordance with Option 2 of the Funding Improvement Plan (Reduction in Future Accruals), the accrual schedules above are reduced by 75% for benefits earned on or after July 1, 2012 (referred to as Schedule G).

2. Reduced Pension

Age Requirement	65
Credited Service Requirement	Pension Credit, including 1,500 hours after the Contribution Date.
Benefit	Normal Pension proportionately reduced for service less than 35 years. Reduction does not apply to the portion of the benefit, if any, based on 2.25% of contributions.

3. Early Pension

Age Requirement	55
Credited Service Requirement	Five years of Pension Credit, including 1,500 hours after the Contribution Date.
Benefit	Normal or Reduced Pension (based on number of Pension Credits at retirement) reduced by 1.5% for each year of age less than 62 (to age 60) and by 6% for each year less than age 60. For certain groups making supplemental contributions, unreduced early retirement benefits are payable at ages 55 – 61, if age plus years of service totals at least 85.

4. Disability Pension

Age Requirement	None
Credited Service Requirement	Five years of Pension Credit, including 1,500 hours after the Contribution Date, 500 hours in the 24 month period preceding disability and a Social Security Disability Award.
Benefit	Normal or Reduced Pension based on number of Pension Credits at disability.

Exhibit 3
Schedule MB, Line 6 – Summary of Plan Provisions

5. Deferred Pension

Age Requirement	40
Credited Service Requirement	15 years of Pension Credit, including five years of Future Service Credit.
Benefit	Normal or Reduced Pension (based on Pension Credits at termination). Payable on or after age 55, reduced by 1.5% for each year of age less than 62 (to age 60) and by 6% for each year less than age 60.

6. Vesting

Age Requirement	None
Credited Service Requirement	Five years of Vesting Credit
Benefit	Normal or Reduced Pension based on Future Service only payable at Normal Retirement Age.
Normal Retirement Age	Later of age 65 or age on fifth anniversary of participation.

7. Severance Benefit

Age Requirement	None
Credited Service Requirement	Five years of Future Service Credit as of June 30, 1982, but before eligibility for vesting.
Benefit	50% of contributions made on the employee's behalf through June 30, 1982.

8. Disability Severance Benefit

Credited Service Requirement	Less than five years of Pension Credit by 1,500 hours after the Contribution Date, 500 hours in the 24 month period preceding disability and a Social Security Disability Award.
Benefit	100% of contributions made on the employee's behalf. If vested, the greater of 100% of contributions or the present value of the accrued benefit.

Exhibit 3
Schedule MB, Line 6 – Summary of Plan Provisions

9. Spouse's Pre-Retirement Death Benefit

Age Requirement	None
Credited Service Requirement	Eligible for an immediate or deferred pension.
Benefit	100% of the benefit the employee would have received had he retired the day before he died and elected the Husband and Wife option. If the employee dies before age 55, then the benefit is computed as if he died on his 55 th birthday and payments will be made commencing on the first of the month following the date he would have attained age 55.

10. Pre-Retirement Lump Sum Death Benefit

Age Requirement	None
Credited Service Requirement	None. Not eligible for a Pre-retirement Spouse Pension.
Benefit	100% of contributions made on the employee's behalf.

11. Post-Retirement Death Benefit(s)

Five Year Certain Guarantee if Husband and Wife coverage is rejected.

Husband and Wife – If married, pension benefits are paid in the form of a joint and survivor annuity unless this form is rejected. If not rejected, the benefit amount otherwise payable is reduced to reflect the joint and survivor coverage. In the event that the spouse predeceases the pensioner, the benefit shall be increased by the percentage reduction previously applied. If rejected or not married, benefits are payable for the life of the employee with five years of payment guaranteed to all pensioners without reduction or in any other available option form elected by the employee in an actuarially equivalent amount.

12. Past Service Credit

Years of Service after the Contribution Date:

Contribution Date	Maximum Years of Past Service Credit
Prior to January 1, 1980	24
January 1, 1980 through December 31, 1982	20
January 1, 1983 through December 31, 1985	15
January 1, 1986 through December 31, 1999	10
On or after January 1, 2000	5

Exhibit 3
Schedule MB, Line 6 – Summary of Plan Provisions

13. Future Service Credit

Years of Service after the Contribution Date:

Hours Worked in the Calendar Year	Future Service Credit
2,100 or more	1-2/10
1,800 – 2,099	1-1/10
1,500 – 1,799	1
1,350 – 1,499	9/10
1,200 – 1,349	8/10
1,050 – 1,199	7/10
900 – 1,049	6/10
750 – 899	5/10
600 – 749	4/10
450 – 599	3/10
300 – 449	2/10
150 – 299	1/10
Less than 150	0

14. Pension Credit

Sum of Past Service Credit and Future Service Credit.

Participation	Effective upon working in Covered Employment for at least 870 hours in a period of 12 consecutive months.
Vesting Service	870 hours = 1 year

15. Contribution Date

First date a contributing employer makes contributions to the Plan under a Collective Bargaining Agreement.

16. Changes in Benefits Since Last Year

None.

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

		(c) Description of investment, including maturity date, rate of interest, collateral, par or maturity value					
(a)	(b)					(d)	(e)
Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest			Cost	Current Value
<u>Short Term Investments</u>							
PNC Government MM Fd	Money market	N/A	N/A	48,776,910	\$	48,776,910	\$ 48,776,910
Foreign Currencies	Money market	N/A	N/A			1,602,843	1,719,492
Dreyfus Capital Management Fund	Money market	N/A	N/A	2		2	2
Dreyfus Treasury Prime Cash Mgmt	Money market	N/A	N/A	17,350,201		17,350,199	17,350,200
Reserve Inv't Funds Inc #25	Money market	N/A	N/A	652,032		652,032	652,032
United States Treasury Bills	Treasury Bill	12/04/17	DTD	2,600,000		2,585,868	2,585,868
United States Treasury Bills	Treasury Bill	07/13/17	DTD	8,700,000		8,679,287	8,679,287
Total Short Term Investments						\$ 79,647,141	\$ 79,763,791
<u>Government & Agencies Notes and Bonds</u>							
Federal Home Loan Mortgage Corporation	Notes	11/1/32	7.000%	78,792	\$	81,562	\$ 90,309
Federal Home Loan Mortgage Corporation	Notes	07/01/32	7.000%	20,254		20,966	23,031
Federal Home Loan Mortgage Corporation	Notes	09/01/32	7.000%	77,758		80,492	88,331
Federal Home Loan Mortgage Corporation	Notes	10/01/32	7.000%	69,708		72,158	79,244
Federal Home Loan Mortgage Corporation	Notes	12/01/29	7.000%	591		707	685
Federal Home Loan Mortgage Corporation	Notes	01/01/43	3.000%	1,455,188		1,499,071	1,462,333
Federal Home Loan Mortgage Corporation	Notes	06/01/44	3.500%	206,549		211,761	212,907
Federal Home Loan Mortgage Corporation	Notes	05/01/46	3.500%	670,438		704,798	689,297
Federal Home Loan Mortgage Corporation	Notes	05/01/47	4.000%	882,656		929,651	929,005
Federal Home Loan Mortgage Corporation	Notes	05/01/26	7.500%	6,462		6,419	7,327
Federal Home Loan Mortgage Corporation	Notes	08/25/23	Var%	626,727		626,727	626,708
Federal National Mortgage Association	Notes	06/01/21	6.000%	201		210	203
Federal National Mortgage Association	Notes	10/01/22	6.000%	965		1,009	1,040
Federal National Mortgage Association	Notes	06/01/29	6.000%	29,705		27,653	33,397
Federal National Mortgage Association	Notes	11/01/29	7.000%	28,592		29,705	32,769
Federal National Mortgage Association	Notes	08/01/32	7.000%	58,495		60,770	68,271
Federal National Mortgage Association	Notes	04/01/37	Var%	5,194		5,214	5,409
Federal National Mortgage Association	Notes	06/01/42	3.247%	127,064		131,710	131,474
Federal National Mortgage Association	Notes	04/01/43	3.000%	159,044		155,516	159,711
Federal National Mortgage Association	Notes	05/01/43	3.000%	82,912		81,986	83,312
Federal National Mortgage Association	Notes	07/01/46	3.000%	703,927		724,550	703,477
Federal National Mortgage Association	Notes	08/15/46	4.500%	3,335,000		3,575,711	3,572,952
Federal National Mortgage Association	Notes	04/01/47	4.000%	1,859,989		1,963,959	1,956,169
Federal National Mortgage Association	Notes	05/01/47	4.000%	2,381,112		2,509,654	2,504,239
Federal National Mortgage Association	Notes	07/15/47	4.000%	1,025,000		1,080,734	1,077,490
Federal National Mortgage Association	Notes	12/31/49	4.000%	6,010,683		6,422,979	6,321,496
Federal National Mortgage Association	Notes	06/01/43	3.000%	263,969		261,020	265,225
Federal National Mortgage Association	Notes	08/01/43	3.000%	197,475		193,132	198,429
Federal National Mortgage Association	Notes	08/01/43	3.000%	294,647		288,167	295,835
Federal National Mortgage Association	Notes	12/25/17	0.442%	88,011		87,985	87,977
Fico Strip	Notes	11/30/17	0.000%	3,745,000		2,547,802	3,725,751
Fremf Mortgage Trust	Notes	02/25/22	3.669%	570,000		567,555	570,906
US Treasury Strip Princ	Notes	02/15/45	0.000%	1,485,000		708,245	662,741
US Treasury Strip Princ	Notes	08/15/45	0.000%	1,200,000		530,123	527,448
Government National Mortgage Association	Bonds	11/15/29	7.000%	439		-	443
Government National Mortgage Association	Bonds	10/15/29	7.500%	384		430	434
Government National Mortgage Association	Bonds	09/15/28	7.500%	915		2,308	1,063
Government National Mortgage Association	Bonds	04/20/44	2.000%	1,122,687		1,152,508	1,145,523
Government National Mortgage Association	Bonds	12/15/23	7.000%	16,614		17,063	18,210
Malaysia Government	Bonds	11/16/27	3.899%	3,220,000		6,334,223	748,761
Malaysia Government	Bonds	03/15/23	3.480%	4,460,000		1,380,560	1,017,455
Malaysia Government	Bonds	09/30/21	4.048%	4,750,000		1,364,158	1,120,981

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(e)	
					(d) Cost	Current Value
Malaysia Government	Bonds	09/15/25	3.955%	2,025,000	468,177	469,298
Malaysia Government	Bonds	10/15/20	3.659%	8,075,000	-	1,882,768
Malaysia Government	Bonds	11/30/26	3.900%	750,000	175,269	173,711
Malaysia Government	Bonds	11/30/21	3.620%	1,610,000	401,538	373,830
Mex Bonos Desarr Fix Rt	Bonds	11/13/42	7.750%	984,000	-	5,742,624
Mex Bonos Desarr Fix Rt	Bonds	11/23/34	7.750%	206,000	1,020,976	1,223,228
Mex Bonos Desarr Fix Rt	Bonds	11/18/38	8.500%	684,000	5,721,847	4,312,620
Mex Bonos Desarr Fix Rt	Bonds	05/31/29	8.500%	612,800	5,627,325	3,842,256
Neder Waterschapsbank	Bonds	02/14/18	Var%	2,660,000	2,671,544	2,663,538
New South Wales Treasury Corp	Bonds	08/20/24	5.000%	3,185,000	2,963,290	2,822,982
Nota Do Tesouro Nacional	Bonds	01/01/23	10.000%	11,145	4,646,724	3,587,666
Nota Do Tesouro Nacional	Bonds	01/01/21	10.000%	2,240	954,018	678,897
Poland Government	Bonds	10/25/23	4.000%	1,400,000	-	401,867
Poland Government	Bonds	07/25/25	3.250%	7,800,000	2,091,558	2,122,486
Poland Government	Bonds	07/25/26	2.500%	12,960,000	3,202,976	3,304,308
Queensland Treasury Corp	Bonds	07/21/25	4.750%	2,140,000	1,749,693	1,859,711
Queensland Treasury Corp	Bonds	07/21/26	3.250%	2,210,000	-	1,722,846
Republic of South Africa	Bonds	03/31/21	6.750%	12,545,000	1,539,952	927,654
Republic of South Africa	Bonds	02/28/41	6.500%	41,570,000	3,681,261	2,217,593
Republic of South Africa	Bonds	02/28/48	8.750%	34,525,000	2,647,279	2,352,685
USA Treasury Bond	Bonds	11/15/28	5.250%	2,265,000	2,885,093	2,915,825
USA Treasury Note	Notes	10/31/17	0.750%	1,000,000	999,373	998,860.0
USA Treasury Note	Notes	02/28/18	0.750%	225,000	224,051	224,314.0
USA Treasury Note	Notes	03/31/18	0.750%	875,000	875,137	871,754.0
USA Treasury Note	Notes	04/15/18	0.750%	2,370,000	2,361,107	2,360,283.0
USA Treasury Note	Notes	04/30/18	0.625%	2,795,000	2,780,784	2,780,159.0
USA Treasury Note	Notes	05/15/18	1.000%	1,755,000	1,751,778	1,750,753.0
USA Treasury Note	Notes	06/30/18	2.125%	1,475,000	1,493,380	1,490,443.0
USA Treasury Note	Notes	08/31/18	1.500%	2,464,400	2,499,248	2,469,994.0
USA Treasury Note	Notes	10/31/18	Var%	670,000	670,339	671,186.0
USA Treasury Note	Notes	10/31/18	0.750%	3,972,500	3,951,862	3,941,793.0
USA Treasury Note	Notes	12/31/18	1.375%	2,845,000	2,851,273	2,846,110.0
USA Treasury Note	Notes	01/31/19	Var%	6,843,000	6,856,911	6,852,238.0
USA Treasury Note	Notes	04/30/19	Var%	1,655,000	1,655,041	1,654,652.0
USA Treasury Note	Notes	05/15/20	1.375%	415,000	415,519	414,531.0
USA Treasury Note	Notes	01/31/21	1.375%	3,030,000	2,993,017	2,998,276.0
USA Treasury Note	Notes	02/28/21	1.125%	805,000	795,189	788,650.0
USA Treasury Note	Notes	06/30/21	1.000%	1,565,000	1,571,985	1,527,409.0
USA Treasury Note	Notes	10/31/21	1.875%	295,000	293,502	297,363.0
USA Treasury Note	Notes	11/30/21	1.750%	6,195,000	6,140,380	6,178,769.0
USA Treasury Note	Notes	03/31/22	1.875%	140,000	139,710	140,083.0
USA Treasury Note	Notes	11/30/22	2.000%	1,855,000	1,882,937	1,858,914.0
USA Treasury Note	Notes	12/31/22	2.000%	1,980,000	2,004,407	1,995,781.0
USA Treasury Note	Notes	02/15/25	2.000%	265,000	260,504	261,367.0
USA Treasury Note	Notes	02/15/25	2.000%	3,270,000	3,155,230	3,225,168.0
USA Treasury Note	Notes	07/15/26	0.125%	2,125,000	2,146,757	2,091,086.0
USA Treasury Note	Notes	11/15/26	2.000%	5,270,000	5,055,940	5,138,672.0
USA Treasury Note	Notes	02/15/27	2.250%	810,000	803,083	806,233.0
USA Treasury Note	Notes	05/15/27	2.375%	1,247,000	1,260,228	1,254,894.0
USA Treasury Note	Notes	02/15/45	2.500%	7,715,000	7,010,445	7,199,947.0
USA Treasury Note	Notes	02/15/45	2.500%	148,000	130,391	138,120.0
USA Treasury Note	Notes	02/15/45	0.750%	725,500	658,872	707,766.0
USA Treasury Note	Notes	05/15/45	3.000%	2,800,000	2,822,834	2,885,204.0
USA Treasury Note	Notes	05/15/45	3.000%	365,000	368,172	376,107.0

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

		(c) Description of investment, including maturity date, rate of interest, collateral, par or maturity value				
(a)	(b)				(d)	(e)
Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value
USA Treasury Note	Notes	08/15/45	2.875%	3,680,000	3,692,095	3,700,571.0
USA Treasury Note	Notes	11/15/45	3.000%	230,000	245,643	236,891.0
USA Treasury Note	Notes	11/15/45	3.000%	2,830,000	2,954,624	2,914,787.0
USA Treasury Note	Notes	02/15/46	1.000%	804,600	889,358	830,421.0
USA Treasury Note	Notes	02/15/46	2.625%	4,285,000	4,155,528	3,988,392.0
USA Treasury Note	Notes	02/15/46	2.625%	425,000	439,915	395,581.0
USA Treasury Note	Notes	05/15/46	2.500%	2,005,000	1,924,168	1,865,352.0
USA Treasury Note	Notes	05/15/46	2.500%	350,000	354,958	325,623.0
USA Treasury Note	Notes	08/15/46	2.250%	2,205,000	1,880,821	1,941,260.0
USA Treasury Note	Notes	08/15/46	2.250%	140,000	117,424	123,255.0
USA Treasury Note	Notes	11/15/46	2.875%	3,250,000	3,189,620	3,267,908.0
USA Treasury Note	Notes	11/15/46	2.875%	5,165,000	5,059,196	5,193,459.0
USA Treasury Note	Notes	02/15/47	3.000%	35,000	36,838	36,105.0
USA Treasury Note	Notes	02/15/47	3.000%	1,425,000	1,472,358	1,469,973.0
United Kingdom	Bonds	07/22/18	1.250%	5,015,000	-	6,595,249.0
European Investment Bank	Notes	10/09/18	Var%	1,605,000	1,605,000	1,606,043.0
Swedish Export Credit	Bonds	11/09/17	Var%	1,920,000	-	1,921,728.0
Total Government & Agencies Notes and Bonds					\$ 175,786,403	\$ 182,455,638
Corporate and Other Notes and Bonds						
1011778 BC/New Red Finance Inc	Notes	01/15/22	4.625%	290,000	\$ 289,788	\$ 297,250
1011778 BC/New Red Finance Inc	Notes	05/15/24	4.250%	395,000	394,875	392,508
Abbott Laboratories	Notes	11/30/23	3.400%	770,000	766,373	788,234
Abbott Laboratories	Notes	11/30/23	3.400%	1,025,000	1,020,172	1,049,272
Abbvie, Incorporated	Notes	11/06/22	3.200%	65,000	64,872	66,668
Actavis Funding SCS	Notes	03/15/22	3.450%	100,000	99,858	103,082
Actavis Funding SCS	Notes	03/15/22	3.450%	473,000	472,328	487,578
Advantage Sales & Marketing	Bonds	n/a	n/a	1,072,722	1,058,470	1,072,722
Aecom	Notes	10/15/24	5.875%	225,000	232,660	244,688
Aetna, Incorporated	Notes	03/15/19	2.200%	135,000	134,865	135,787
Aetna, Incorporated	Notes	06/15/23	2.800%	515,000	514,248	514,109
Aircastle Limited	Notes	12/15/18	4.625%	540,000	563,469	557,388
Aircastle Limited	Notes	12/01/19	6.250%	415,000	451,388	451,831
Aircastle Limited	Notes	03/15/21	5.125%	450,000	447,162	481,666
Aircastle Limited	Notes	02/15/22	5.500%	215,000	213,950	234,350
Aircastle Limited	Notes	04/01/23	5.000%	265,000	268,825	282,887
Air Liquide Finance	Notes	09/27/23	2.250%	200,000	199,498	193,348
Albertsons Companies LLC	Notes	06/15/24	6.625%	1,000,000	1,019,722	992,500
Albertsons Companies LLC	Notes	03/15/25	5.750%	695,000	694,300	646,350
Alcoa, Incorporated	Notes	02/23/19	5.720%	120,000	126,900	125,022
Alcoa, Incorporated	Notes	10/01/24	5.125%	240,000	238,232	249,000
Allegion PLC	Notes	09/15/23	5.875%	300,000	312,981	321,750
Ally Auto Receivables Trust	Bonds	09/16/19	1.390%	184,301	184,278	184,246
Ally Auto Receivables Trust	Bonds	08/15/18	1.200%	11,892	11,891	11,891
Ally Auto Receivables Trust	Bonds	12/17/18	1.250%	124,882	124,881	124,831
Ally Financial, Incorporated	Notes	12/01/17	6.250%	840,000	898,609	854,532
Ally Financial, Incorporated	Notes	03/15/20	8.000%	1,900,000	2,193,633	2,161,250
Ally Financial, Incorporated	Notes	09/29/17	3.250%	235,000	237,350	235,728
Ally Financial, Incorporated	Notes	05/21/18	3.600%	1,810,000	1,817,567	1,830,362
Ally Financial, Incorporated	Notes	11/05/18	3.250%	810,000	810,594	819,882
Altice SA	Notes	05/15/22	7.750%	675,000	683,924	716,344
Altice SA	Notes	02/15/25	7.625%	490,000	496,312	537,163
Altice US Finance I Corporation	Bonds	05/15/26	5.500%	435,000	435,825	456,750
AMC Entertainment, Incorporated	Notes	06/15/25	5.750%	540,000	547,703	561,600

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EIN: 52-6152779
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(c) Description of investment, including maturity date, rate of interest,
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(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(e)	
					(d) Cost	Current Value
AMC Entertainment, Incorporated	Notes	05/15/27	6.125%	425,000	430,325	448,507
American Express Credit	Bonds	08/15/19	2.250%	460,000	459,719	463,961
American Express Credit	Bonds	03/03/20	2.200%	1,030,000	1,028,929	1,034,903
American Express Credit	Bonds	12/15/21	1.640%	250,000	249,960	249,802
American International Group	Notes	03/01/21	3.300%	532,000	531,854	547,338
American International Group	Notes	04/01/26	3.900%	260,000	259,870	265,988
American International Group	Notes	04/01/26	3.900%	400,000	399,800	409,212
American Municipal Power	Bonds	02/15/50	8.084%	170,000	251,411	271,058
Americredit Automobile Receivables	Bonds	11/08/19	2.290%	467,123	467,940	468,160
Amerigas Finance LLC	Bonds	05/20/24	5.625%	385,000	397,137	396,550
Amgen, Incorporated	Notes	11/15/41	5.150%	470,000	468,522	523,890
Amkor Technology, Incorporated	Notes	10/01/22	6.375%	740,000	737,453	770,525
Anglo American Capital Company	Notes	09/27/20	4.450%	235,000	207,654	244,962
Anheuser Busch, Incorporated	Notes	02/01/21	2.650%	290,000	289,092	293,889
Anheuser Busch, Incorporated	Notes	02/01/23	3.300%	370,000	368,598	381,000
Anna Merger Sub, Incorporated	Bonds	10/01/22	7.750%	1,550,000	1,458,229	1,174,125
Antero Resources	Notes	11/01/21	5.375%	330,000	315,737	333,300
Antero Resources	Notes	12/01/22	5.125%	640,000	535,566	641,395
Antero Midstream Partners, LP	Notes	09/15/24	5.375%	700,000	705,881	715,750
Apple, Incorporated	Notes	05/04/43	3.850%	265,000	251,949	264,926
Apple, Incorporated	Notes	05/13/45	4.375%	190,000	189,306	205,420
Apple, Incorporated	Notes	02/23/36	4.500%	725,000	722,666	813,530
Apple, Incorporated	Notes	02/23/46	4.650%	1,850,000	1,921,096	2,073,702
Apple, Incorporated	Notes	02/09/47	4.250%	165,000	164,667	175,002
Apple, Incorporated	Notes	06/20/27	3.000%	345,000	344,203	343,268
Aramark Services, Incorporated	Notes	01/15/24	5.125%	450,000	468,394	473,062
Arcelomittal	Notes	10/15/39	7.500%	1,765,000	1,718,667	1,979,006
Ardagh Holdings USA	Bonds	09/15/22	4.250%	235,000	241,775	241,228
Ardagh Holdings USA	Bonds	02/15/25	6.000%	775,000	776,906	813,750
Argos Merger Sub, Incorporated	Bonds	03/15/23	7.125%	155,000	156,144	137,950
Ascent Resources	Bonds	04/01/22	10.000%	510,000	519,075	510,000
Ashco Inc.	Bonds	n/a	n/a	280,000	276,635	280,000
AT&T, Incorporated	Notes	08/15/41	5.550%	150,000	149,004	162,990
AT&T, Incorporated	Notes	05/15/25	3.400%	245,000	244,275	240,857
AT&T, Incorporated	Notes	05/15/25	3.400%	570,000	572,008	560,361
AT&T, Incorporated	Notes	05/15/35	4.500%	275,000	274,205	270,542
AT&T, Incorporated	Notes	03/01/37	5.250%	510,000	507,598	543,344
AT&T, Incorporated	Notes	08/15/40	6.000%	395,000	389,703	446,018
Autozone, Inc.	Bonds	06/01/27	3.750%	170,000	169,991	170,048
Avolon TLB Borrower LLC	Bonds	n/a	n/a	565,000	562,175	565,000
Avis Budget Car	Bonds	04/01/23	5.500%	135,000	132,368	134,156
Avis Budget Car	Bonds	03/15/25	5.250%	520,000	483,812	489,450
Bae Systems PLC	Notes	10/11/21	4.750%	295,000	294,699	318,361
Ball Corporation	Notes	12/15/20	4.375%	320,000	326,009	336,000
Ball Corporation	Notes	03/15/22	5.000%	435,000	460,083	464,363
Bank of America Corporation	Notes	05/01/18	5.650%	135,000	128,839	139,239
Bank of America Corporation	Notes	08/01/25	3.875%	810,000	837,278	837,953
Bank of America Corporation	Notes	08/26/24	4.200%	215,000	214,843	223,191
Bank of America Corporation	Notes	01/22/25	4.000%	30,000	29,819	30,523
Bank of America Corporation	Bonds	03/03/26	4.450%	140,000	140,000	145,704
Bank of America Corporation	Notes	04/19/21	2.625%	335,000	334,923	336,484
Bank of New York Mellon	Notes	04/15/24	3.400%	505,000	504,742	520,473
Barclays PLC	Notes	03/16/25	3.650%	215,000	214,323	213,931
Barclays PLC	Notes	06/12/21	10.179%	630,000	847,583	789,056

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Bass Pro Groups	Bonds	n/a	n/a	228,288	228,789		228,288
Baxalta, Incorporated	Notes	06/23/22	3.600%	280,000	280,107		289,948
BBVA Banco Continental	Notes	04/08/18	3.250%	245,000	243,591		247,817
Becton Dickinson & Company	Notes	06/06/24	3.363%	795,000	795,000		796,821
Berry Plastics Corporation	Notes	07/15/23	5.125%	340,000	333,733		354,025
BG Energy Capital PLC	Bonds	10/15/21	4.000%	425,000	421,642		450,759
Bill Barrett Corporation	Notes	10/15/22	7.000%	588,000	562,493		496,860
Bill Barrett Corporation	Notes	06/15/25	8.750%	85,000	81,175		71,400
Biogen, Incorporated	Notes	09/15/22	3.625%	115,000	114,908		120,274
BJs Wholesale Club	Notes	n/a	n/a	455,000	452,637		455,000
Bk Nederlandse Gemeenten	Notes	07/14/17	Var%	3,114,000	3,114,182		3,113,969
BMW US Capital, LLC	Notes	04/06/20	2.150%	215,000	214,708		215,998
Boyd Gaming Corporation	Bonds	04/01/26	6.375%	475,000	489,031		513,594
Boyd Gaming Corporation	Bonds	05/15/23	6.875%	210,000	226,875		224,700
BP Capital Markets PLC	Bonds	11/28/23	3.216%	390,000	390,000		396,072
Burlington North Santa Fe	Notes	04/01/44	4.900%	55,000	58,585		64,194
BWAY Holding Company	Notes	04/15/24	5.500%	365,000	365,394		372,756
Calatlantic Group, Inc.	Bonds	06/01/26	5.250%	405,000	406,820		420,187
Calatlantic Group, Inc.	Bonds	06/15/27	5.000%	270,000	270,113		270,675
Calpine Corporation	Bonds	n/a	n/a	1,090,660	1,091,089		1,090,660
Calpine Corporation	Notes	01/15/22	6.000%	175,000	183,163		180,906
Calpine Corporation	Notes	01/15/23	5.375%	1,225,000	1,126,450		1,194,375
Canadian Natural Resources	Notes	06/01/47	4.950%	595,000	594,536		603,860
Capital One Bank USA	Notes	02/15/23	3.375%	835,000	836,728		842,131
Capital One Multi-Asset	Notes	07/15/20	1.480%	1,685,000	1,686,897		1,685,455
Capital One NA Ser BKNT	Notes	01/30/23	Var%	1,010,000	1,010,000		1,015,828
Cardinal Health, Inc.	Notes	06/15/24	3.079%	210,000	210,000		210,506
Caterpillar Financial	Notes	08/20/21	2.750%	280,000	279,434		283,542
Caterpillar Financial	Notes	01/10/20	2.100%	60,000	59,934		60,398
CCO Holdings LLC	Notes	09/30/22	5.250%	850,000	859,886		874,990
CCO Holdings LLC	Notes	05/01/23	5.125%	875,000	914,332		918,750
CCO Holdings LLC	Notes	05/01/27	5.125%	220,000	221,494		224,950
CCO Holdings LLC	Notes	05/01/27	5.875%	640,000	643,298		684,000
CCO Holdings LLC	Notes	02/15/26	5.750%	1,085,000	1,117,619		1,160,950
CDW LLC/CDC Finance	Notes	09/01/23	5.000%	235,000	245,569		244,694
CDW LLC/CDC Finance	Notes	09/01/25	5.000%	215,000	215,600		223,062
Cedar Fair LP	Notes	04/15/27	5.375%	265,000	265,900		279,575
Cenovus Energy, Inc.	Notes	04/15/27	4.250%	1,090,000	1,043,333		1,038,367
Centurylink Escrow	Notes	n/a	n/a	435,000	432,825		435,000
Centurylink Escrow	Notes	06/15/21	6.450%	410,000	444,375		442,800
Centurylink Escrow	Notes	12/01/23	6.750%	245,000	246,256		263,836
Cequel Com Holding I	Bonds	12/15/21	5.125%	792,000	758,699		805,860
Cequel Com Holding I	Bonds	09/15/20	6.375%	680,000	699,207		693,600
CF Industries, Inc.	Bonds	03/15/44	5.375%	300,000	265,131		267,750
Chase Issuance Trust	Bonds	11/15/19	1.380%	290,000	290,136		290,023
Chase Issuance Trust	Bonds	09/16/19	1.060%	185,000	184,798		184,878
Cheniere Energy	Bonds	03/31/25	5.875%	675,000	708,962		719,719
Cheniere Energy	Bonds	06/30/27	5.125%	530,000	532,662		543,250
Chesapeake Energy Corporation	Notes	02/15/21	6.125%	345,000	220,312		338,100
Chesapeake Energy Corporation	Notes	06/15/21	5.375%	315,000	172,089		294,525
Chesapeake Energy Corporation	Notes	01/15/25	8.000%	920,000	937,190		910,800
Chesapeake Midstream	Notes	06/15/27	8.000%	155,000	155,000		152,287
Chevron Corp	Notes	03/03/24	2.895%	430,000	430,000		433,487
CHS Community Health Systems	Notes	07/15/20	7.125%	130,000	124,200		126,588

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CHS Community Health Systems	Notes	02/01/22	6.875%	400,000	351,869	349,500
Citigroup, Incorporated	Notes	02/15/19	5.500%	114,000	121,017	119,700
Citigroup, Incorporated	Notes	02/19/19	3.875%	675,000	685,112	691,875
Citibank Credit Card Issuance	Bonds	09/20/19	5.650%	180,000	185,091	181,589
Citigroup, Incorporated	Notes	06/12/20	2.100%	425,000	424,817	425,136
Citigroup, Incorporated	Notes	01/14/22	4.500%	475,000	521,441	510,772
Citigroup, Incorporated	Notes	04/27/18	Var%	810,000	810,000	812,876
Citigroup, Incorporated	Notes	01/10/20	Var%	645,000	645,000	649,663
Citigroup, Incorporated	Notes	01/12/26	3.700%	155,000	154,794	156,765
Citigroup, Incorporated	Notes	10/21/26	3.200%	1,245,000	1,189,324	1,210,787
Citigroup, Incorporated	Notes	05/01/26	3.400%	270,000	269,638	267,092
Citizens Communications Company	Notes	08/15/31	9.000%	1,558,000	1,500,572	1,250,295
Clear Channel Communications	Notes	03/01/21	11.250%	596,000	572,810	449,235
CNH Industrial Capital	Notes	07/15/19	3.375%	235,000	238,044	238,819
CNH Industrial Capital	Notes	04/01/21	4.875%	290,000	296,206	308,125
CNH Industrial Capital	Notes	04/05/22	4.375%	355,000	358,269	371,508
CNH Industrial Capital	Notes	08/15/23	4.500%	310,000	310,956	329,375
Coca Cola Femsa SAB	Notes	11/26/18	2.375%	190,000	189,751	190,946
Cold Storage Trust	Notes	04/15/24	Var%	345,000	345,103	345,642
Columbia HCA Healthcare, Incorporated	Notes	06/15/25	7.690%	760,000	731,812	881,600
Columbia HCA Healthcare, Incorporated	Notes	12/01/27	7.050%	100,000	74,000	112,000
Comcast Corporation	Notes	08/15/35	4.400%	405,000	404,753	435,351
Commscope Finance	Notes	06/15/25	6.000%	435,000	441,156	464,362
Communications Sales & Leasing Inc	Notes	04/15/23	6.000%	230,000	242,500	239,343
Communications Sales & Leasing Inc	Notes	10/15/23	8.250%	670,000	680,654	690,100
Concho Resources, Incorporated	Notes	04/01/23	5.500%	285,000	266,785	292,837
ConocoPhillips	Notes	11/15/34	4.150%	280,000	279,885	281,372
Cons Edison Company of New York	Notes	03/15/44	4.450%	350,000	349,706	383,253
Continental Resources	Notes	04/15/23	4.500%	225,000	191,569	214,875
Continental Resources	Notes	06/01/24	3.800%	565,000	474,166	517,325
Continental Resources	Notes	06/01/44	4.900%	260,000	226,320	217,100
Corp Andina De Fomento	Bonds	05/10/19	2.000%	820,000	819,926	822,296
Corp Andina De Fomento	Bonds	01/29/18	Var%	1,350,000	1,350,000	1,350,405
Cowlitz Tribal	Bonds	n/a	n/a	605,000	563,200	605,000
Cred Suis GP Funding Limited	Notes	04/16/21	3.450%	280,000	279,989	287,431
Crestwood Mistream Partners	Bonds	04/01/23	6.250%	835,000	861,289	847,525
Crestwood Mistream Partners	Notes	04/01/25	5.750%	330,000	330,000	329,175
CSC Holdings Incorporated	Notes	n/a	n/a	255,816	258,106	255,816
CSC Holdings Incorporated	Notes	07/15/18	7.625%	475,000	523,614	501,125
CSC Holdings Incorporated	Notes	04/15/27	5.500%	230,000	230,919	243,225
CVS Health Corporation	Notes	07/20/22	3.500%	45,000	44,981	46,668
Daimler Finance NA LLC	Notes	08/01/18	2.375%	385,000	384,045	387,464
Daimler Finance NA LLC	Notes	01/06/20	2.300%	200,000	199,908	200,640
Davita Healthcare Partners	Notes	07/15/24	5.125%	345,000	343,677	350,175
Davita, Incorporated	Notes	08/15/22	5.750%	380,000	398,518	390,450
DCP Midstream LLC	Notes	12/01/17	2.500%	635,000	629,003	634,206
DCP Midstream LLC	Notes	03/15/19	9.750%	170,000	190,800	189,975
DCP Midstream LLC	Notes	03/15/20	5.350%	225,000	227,619	234,000
DCP Midstream LLC	Notes	09/30/21	4.750%	230,000	229,319	234,600
DCP Midstream LLC	Notes	11/03/36	6.450%	295,000	306,462	311,225
DCP Midstream LLC	Notes	09/15/37	6.750%	535,000	565,225	575,125
DCP Midstream LLC	Notes	05/21/43	Var%	535,000	483,275	494,875
DCP Midstream LLC	Notes	04/01/44	5.600%	290,000	264,486	273,325
Dexia Credit Local SA NY	Bonds	06/05/18	Var%	3,175,000	3,175,000	3,169,063

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SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a)	(b) Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		(e)	
						(d) Cost	Current Value
	Diamond 1 Finance	Notes	06/01/19	3.480%	605,000	604,849	619,145
	Diamond 1 Finance	Notes	06/15/26	6.020%	800,000	867,106	881,208
	Diamond 1 Finance	Notes	06/15/21	5.875%	590,000	623,788	618,025
	Digital Realty Trust LP	Notes	07/01/22	3.950%	1,415,000	1,404,189	1,483,245
	Discover Bank	Notes	07/27/26	3.450%	340,000	339,629	328,845
	Dish DBS Corporation	Notes	06/01/21	6.750%	630,000	695,692	699,300
	Dish DBS Corporation	Notes	11/15/24	5.875%	870,000	854,472	928,264
	Dish DBS Corporation	Notes	07/01/26	7.750%	320,000	325,163	379,200
	Dollar Tree, Inc.	Notes	03/01/23	5.750%	825,000	838,456	870,622
	Dominion Resources, Inc.	Notes	08/15/19	1.600%	165,000	164,985	163,602
	Donnelly RR & Sons	Notes	06/15/20	7.625%	743,000	762,490	826,587
	Donnelly RR & Sons	Notes	11/15/23	6.500%	369,000	337,633	368,077
	Donnelly RR & Sons	Notes	04/01/24	6.000%	358,000	331,903	348,603
	Dow Chemical	Notes	11/15/22	3.000%	535,000	525,723	545,309
	DTE Energy Company	Bonds	10/01/19	1.500%	180,000	179,775	177,305
	Duke Energy	Notes	01/15/27	3.200%	230,000	229,862	232,944
	Duke Energy	Notes	08/16/30	8.125%	150,000	166,787	176,625
	Dynegy, Incorporated	Notes	06/01/23	5.875%	360,000	323,125	336,600
	Dynegy, Incorporated	Notes	11/01/24	7.625%	350,000	331,488	339,500
	Eastman Chemical Company	Notes	01/15/20	2.700%	310,000	309,352	314,086
	ECAF 1 Limited	Bonds	06/15/40	3.473%	359,015	359,015	353,752
	E.I. Du Pont De Nemours	Bonds	05/01/20	2.200%	110,000	109,879	110,597
	Embarq Corporation	Notes	06/01/36	7.995%	1,965,000	2,049,738	1,984,650
	EMC Corporation	Notes	06/01/18	1.875%	1,350,000	1,334,159	1,342,426
	EMD Finance LLC	Notes	03/19/20	2.400%	460,000	459,458	462,935
	EMD Finance LLC	Notes	03/19/20	2.400%	1,240,000	1,239,938	1,247,911
	Endo Finance LLC	Notes	01/15/23	5.375%	870,000	820,280	726,450
	Endo Finance LLC	Notes	02/01/25	6.000%	540,000	509,676	440,100
	Energizer Holdings, Incorporated	Notes	05/19/21	4.700%	566,000	577,400	602,790
	Energizer Holdings, Incorporated	Notes	05/24/22	4.700%	490,000	500,563	523,075
	Energy Transfer Equity	Notes	10/15/20	7.500%	610,000	670,277	681,675
	Energy Transfer Equity	Notes	01/15/24	5.875%	605,000	618,369	641,300
	Energy Transfer Equity	Notes	06/01/27	5.500%	375,000	326,099	388,125
	Energy Transfer Partners	Notes	10/01/20	4.150%	480,000	479,179	498,533
	EnSCO PLC	Notes	10/01/44	5.750%	620,000	627,918	406,100
	Envision Healthcare Corporation	Bonds	n/a	n/a	417,900	413,721	417,900
	EP Energy EP Company LP	Notes	05/01/20	9.375%	1,702,000	1,136,188	1,342,452
	EP Energy EP Company LP	Notes	09/01/22	7.750%	355,000	246,616	209,450
	EP Energy EP Company LP	Notes	06/15/23	6.375%	1,860,000	911,306	1,092,750
	Equinix, Incorporated	Notes	01/15/26	5.875%	405,000	412,525	441,576
	ESC Energy Conversion	Bonds	06/15/13	3.000%	7,408,000	726,209	74
	ESC MMC Energy, Incorporated	Bonds	10/15/20	8.875%	265,000	1	27
	ESH Hospitality, Incorporated	Notes	05/01/25	5.250%	1,015,000	1,018,206	1,051,794
	ESH Hospitality, Incorporated	Notes	n/a	n/a	352,342	350,576	352,342
	Exelon Corporation	Notes	06/15/25	3.950%	235,000	234,518	243,187
	Exelon Corporation	Notes	04/15/21	2.450%	72,000	71,983	71,802
	Export-Import Bk Korea	Bonds	08/14/17	Var%	2,085,000	2,089,764	2,084,896
	Extraction Oil & Gas	Bonds	07/15/21	7.875%	380,000	390,430	390,450
	Ferrell Gas LP	Notes	06/15/23	6.750%	710,000	683,456	662,075
	Ferrell Gas LP	Notes	01/15/22	6.750%	665,000	658,721	625,100
	First Data Corporation	Bonds	n/a	n/a	1,096,321	1,093,155	1,096,321
	First Data Corporation	Notes	12/01/23	7.000%	595,000	599,803	635,163
	First Data Corporation	Notes	01/15/24	5.000%	675,000	683,487	694,190
	First Quantum Minerals	Notes	02/15/21	7.000%	1,200,000	1,128,932	1,230,000

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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Form 5500, Schedule H, Line 4i

EIN: 52-6152779
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		Description	Maturity Date	Rate of Interest		
	First Quantum Minerals	Notes	05/15/22	7.250%	880,000	891,075
	Flextronics International Limited	Notes	02/15/23	5.000%	245,000	247,490
	Florida Power Corporation	Notes	11/15/42	3.850%	70,000	69,778
	Florida State Hurricane	Notes	07/01/20	2.995%	1,120,000	1,120,000
	FMG Resources	Bonds	03/01/22	9.750%	840,000	975,031
	FMG Resources	Bonds	05/15/22	4.750%	165,000	165,000
	FMG Resources	Bonds	05/15/24	5.125%	185,000	185,113
	Ford Credit Auto Owner Trust	Bonds	11/15/25	2.260%	535,000	534,867
	Ford Credit Auto Owner Trust	Bonds	07/15/26	2.150%	360,000	359,872
	Ford Credit Floorplan	Bonds	05/15/22	2.250%	370,000	369,936
	Ford Credit Floorplan	Bonds	08/15/19	1.400%	455,000	454,870
	Ford Motor Credit Company LLC	Notes	11/04/19	2.597%	340,000	340,000
	Ford Motor Credit Company LLC	Notes	01/09/20	2.681%	875,000	875,000
	Ford Motor Credit Company LLC	Notes	01/09/18	Var%	265,000	265,000
	Ford Motor Credit Company LLC	Notes	06/12/20	2.425%	450,000	450,000
	Ford Motor Credit Company LLC	Notes	06/15/18	Var%	945,000	945,000
	Ford Motor Credit Company LLC	Notes	03/18/21	3.336%	665,000	665,000
	Freeport McMoran, Incorporated	Notes	03/15/23	3.875%	905,000	807,608
	Freeport McMoran, Incorporated	Notes	03/15/18	2.375%	545,000	542,875
	Freeport McMoran, Incorporated	Notes	11/14/21	4.000%	150,000	114,406
	Freeport McMoran, Incorporated	Notes	03/15/43	5.450%	490,000	422,000
	Freeport McMoran, Incorporated	Notes	11/14/34	5.400%	635,000	411,868
	Fresenius Med Care US	Notes	09/15/18	6.500%	650,000	696,519
	Fresenius Med Care II	Notes	01/31/22	5.875%	315,000	347,383
	Fresenius Med Care II	Notes	10/15/24	4.750%	235,000	237,606
	Frontier Communications	Notes	10/01/18	8.125%	210,000	224,063
	Frontier Communications	Notes	01/15/23	7.125%	245,000	208,740
	Frontier Communications	Notes	04/15/24	7.625%	355,000	299,200
	Frontier Communications	Notes	09/15/25	11.000%	2,985,000	2,964,575
	Gannett Company, Incorporated	Notes	07/15/20	5.125%	435,000	428,762
	Gannett Company, Incorporated	Notes	10/15/19	5.125%	740,000	732,500
	GCB Targa Resources Partners	Notes	11/15/23	4.250%	690,000	666,703
	General Electric Company	Notes	03/11/44	4.500%	130,000	151,798
	General Motors Finance Company	Notes	11/24/20	3.700%	450,000	449,676
	General Motors Finance Company	Notes	04/13/20	Var%	2,075,000	2,084,059
	General Nutrition Centers	Notes	n/a	n/a	454,612	391,846
	George Washington University	Bonds	09/15/22	3.485%	230,000	230,000
	Georgia Power Company	Bonds	03/30/27	3.250%	1,050,000	1,028,885
	Gilead Sciences, Incorporated	Notes	09/01/22	3.250%	180,000	179,746
	Gilead Sciences, Incorporated	Notes	03/01/47	4.150%	130,000	129,068
	GLP Capital LP	Notes	11/01/18	4.375%	125,000	127,975
	GLP Capital LP	Notes	11/01/20	4.875%	945,000	976,467
	GLP Capital LP	Notes	11/01/23	5.375%	710,000	740,850
	Goldman Sachs Group, Incorporated	Notes	11/15/18	Var%	3,225,000	3,269,075
	Goldman Sachs Group, Incorporated	Notes	11/29/23	Var%	202,000	202,000
	Goldman Sachs Group, Incorporated	Notes	07/27/21	5.250%	860,000	861,746
	Goldman Sachs Group, Incorporated	Notes	02/25/21	2.875%	100,000	100,481
	Goldman Sachs Group, Incorporated	Notes	02/25/21	Var%	254,000	262,118
	Goldman Sachs Group, Incorporated	Notes	02/25/26	3.750%	190,000	189,561
	Goldman Sachs Group, Incorporated	Notes	11/16/26	3.500%	425,000	410,087
	Gray Television, Inc.	Notes	07/15/26	5.875%	145,000	149,281
	Gray Television, Inc.	Notes	10/15/24	5.125%	370,000	368,381
	Guardian Life Global Fund	Notes	10/27/21	1.950%	275,000	274,818
	Halcon Resources Corporation	Notes	02/15/25	6.750%	540,000	530,481

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	Hanesbrands, Incorporated	Notes	05/15/26	4.875%	590,000	592,759	598,850
	Harland Clarke Holdings	Notes	08/15/22	8.375%	225,000	237,231	239,625
	Harland Clarke Holdings	Notes	n/a	n/a	323,102	323,102	323,102
	HCA, Incorporated	Notes	03/15/24	5.000%	1,145,000	1,180,311	1,212,269
	HCA, Incorporated	Notes	04/15/25	5.250%	580,000	618,852	623,500
	HCA, Incorporated	Notes	02/01/25	5.375%	500,000	514,147	527,400
	HCA, Incorporated	Notes	02/15/26	5.875%	635,000	676,350	685,800
	HCA, Incorporated	Notes	02/15/27	4.500%	420,000	420,506	432,075
	HCA, Incorporated	Notes	02/15/20	6.500%	315,000	350,479	343,744
	HCA, Incorporated	Notes	03/15/22	5.875%	215,000	235,268	238,381
	HCA, Incorporated	Notes	05/01/23	4.750%	760,000	788,960	803,700
	HD Supply, Incorporated	Notes	12/15/21	5.250%	670,000	697,878	703,085
	HD Supply, Incorporated	Notes	04/15/24	5.750%	270,000	271,050	286,875
	Hertz Corporation	Notes	10/15/24	5.500%	1,510,000	1,360,944	1,238,200
	Hilton Worldwide Finance	Bonds	n/a	n/a	486,145	488,266	486,145
	Home Depot, Incorporated	Notes	06/01/22	2.625%	400,000	398,528	406,048
	Honda Auto Receivables Owner Trust	Bonds	06/18/18	1.010%	6,997	6,997	6,994
	Honda Auto Receivables Owner Trust	Bonds	09/17/18	1.130%	188,433	188,427	188,339
	HSBC Holdings PLC	Notes	01/05/22	2.650%	345,000	343,109	344,203
	HSBC Holdings PLC	Notes	11/23/26	4.375%	210,000	208,580	217,900
	HSBC Holdings PLC	Notes	03/08/26	4.300%	200,000	199,710	211,998
	HSBC Holdings PLC	Notes	05/25/23	3.600%	380,000	379,859	392,696
	Hudbay Minerals, Inc.	Notes	01/15/23	7.250%	155,000	159,875	159,844
	Hudbay Minerals, Inc.	Notes	01/15/25	7.625%	430,000	445,844	450,425
	Hughes Satelite Systems	Notes	06/15/19	6.500%	323,000	356,615	348,840
	Humana, Incorporated	Notes	10/01/24	3.850%	350,000	349,534	363,738
	IASIS Healthcare	Notes	05/15/19	8.375%	1,620,000	1,634,318	1,628,100
	Icahn Enterprises	Notes	03/15/19	4.875%	730,000	735,761	737,300
	IHS Markit LTD	Notes	11/01/22	5.000%	1,065,000	1,087,204	1,149,529
	Illinois Tool Works, Inc.	Notes	11/15/26	2.650%	100,000	99,685	97,656
	Inception Mrgr/Rackspace	Notes	11/15/24	8.625%	845,000	863,123	899,925
	Infor Software Parent	Notes	05/01/21	7.125%	654,000	642,383	673,620
	Intel Corporation	Bonds	05/11/24	2.875%	1,540,000	1,539,615	1,545,837
	Intelsat Jackson Holdings	Notes	08/01/23	5.500%	220,000	184,012	182,050
	Intelsat Luxembourg SA	Notes	06/01/21	7.750%	1,110,000	1,020,462	610,500
	Intelsat Luxembourg SA	Notes	06/01/23	8.125%	575,000	499,677	303,312
	International Paper Company	Notes	09/15/35	5.000%	155,000	153,898	169,516
	International Track Systems	Notes	02/15/20	5.625%	15,000	16,050	15,947
	International Track Systems	Notes	02/15/22	6.250%	355,000	387,400	387,837
	Ipalco Enterprises, Incorporated	Notes	05/01/18	5.000%	705,000	732,898	716,456
	Iron Mountain US Holdings	Bonds	06/01/26	5.375%	125,000	131,125	131,250
	Iron Mountain, Incorporated	Bonds	08/15/24	5.750%	550,000	541,206	561,000
	Iron Mountain, Incorporated	Notes	08/15/23	6.000%	835,000	892,173	887,187
	J2 Cloud LLC	Notes	07/15/25	6.000%	385,000	389,156	396,550
	Jaguar HL/PPDI	Notes	08/01/23	6.375%	384,396	384,924	405,090
	Johnson Controls Int'l	Bonds	02/14/26	3.900%	290,000	292,862	303,636
	JP Morgan Chase & Company	Notes	01/15/18	6.000%	1,155,000	1,121,459	1,180,953
	JP Morgan Chase & Company	Bonds	09/10/24	3.875%	385,000	381,658	397,220
	JP Morgan Chase & Company	Notes	05/18/23	2.700%	370,000	369,016	365,945
	JP Morgan Chase & Company	Notes	05/18/23	2.700%	955,000	952,460	944,533
	JP Morgan Chase Bank	Bonds	09/21/18	Var%	640,000	640,000	641,971
	KFC Holdings/Pizza Hut	Notes	06/01/26	5.250%	660,000	670,375	694,650
	KFC Holdings/Pizza Hut	Notes	06/01/27	4.750%	405,000	405,300	413,606
	Kinder Morgan, Incorporated	Notes	06/01/25	4.300%	495,000	493,010	514,642

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	Kommunalbanken AS	Notes	02/20/18	Var%	2,062,000	2,070,321	2,063,918
	Kraft Foods Group, Incorporated	Notes	06/06/22	3.500%	115,000	113,965	118,818
	Kraft Heinz Foods Company	Notes	06/01/46	4.375%	345,000	343,910	337,869
	Kroger Company	Notes	11/01/21	2.950%	165,000	164,947	166,369
	Kronos Acquisition Holdings	Notes	08/15/23	9.000%	115,000	114,425	114,712
	L Brands, Incorporated	Notes	10/15/23	5.625%	120,000	126,919	128,100
	Lamar Media Corporation	Notes	02/01/26	5.750%	185,000	191,137	199,338
	Lennar Corporation	Notes	12/15/17	4.750%	795,000	824,771	800,962
	Lennar Corporation	Notes	11/15/22	4.750%	815,000	796,318	865,937
	Lennar Corporation	Notes	05/30/25	4.750%	155,000	159,262	161,975
	Lennar Corporation	Notes	12/15/23	4.875%	570,000	596,644	605,984
	Level 3 Communications	Bonds	n/a	n/a	235,000	234,412	235,000
	Level 3 Financing, Incorporated	Notes	05/01/23	5.125%	565,000	571,254	586,538
	Level 3 Financing, Incorporated	Notes	08/15/22	5.375%	100,000	104,625	103,000
	Level 3 Financing, Incorporated	Notes	01/15/24	5.375%	430,000	435,917	448,812
	Liberty Interactive LLC	Notes	07/15/29	8.500%	405,000	453,612	450,563
	Lifepoint Health, Incorporated	Notes	12/01/23	5.875%	280,000	280,844	295,400
	Lstar Commercial Mortgage Trust	Bonds	01/20/41	4.205%	155,000	154,994	155,228
	Mallinckrodt Finance	Notes	04/15/25	5.500%	250,000	242,571	218,750
	Manitowoc Foodservice Term B Loan	Notes	02/15/24	9.500%	280,000	283,084	324,800
	Mass Mutual Life Insurance Company	Notes	06/01/39	8.875%	23,000	27,189	37,686
	Mass Mutual Global Funding	Notes	04/13/22	2.500%	1,000,000	995,530	996,740
	Match Group	Bonds	n/a	n/a	266,698	258,750	266,698
	Macquarie Bank Limited	Notes	10/27/17	Var%	850,000	850,000	851,428
	MDC Partners, Inc.	Notes	05/01/24	6.500%	675,000	655,088	673,312
	Medtronic, Incorporated	Notes	03/15/24	3.625%	195,000	194,622	205,275
	Mercedes Benz Auto Lease Trust	Notes	04/15/20	1.790%	650,000	649,985	650,683
	Meritage Homes Corporation	Notes	06/01/25	6.000%	275,000	284,300	294,250
	Met Life Global Funding	Notes	12/18/26	3.450%	435,000	434,709	445,866
	MGM Growth Properties	Bonds	05/01/24	5.625%	265,000	265,925	288,850
	MGM Resorts International	Notes	02/01/19	8.625%	810,000	930,360	891,000
	MGM Resorts International	Notes	03/15/22	7.750%	200,000	236,131	234,750
	MGM Resorts International	Notes	12/15/21	6.625%	240,000	264,406	269,400
	Micron Technology, Incorporated	Notes	08/01/23	5.250%	360,000	326,844	373,860
	Micron Technology, Incorporated	Notes	01/15/26	5.625%	210,000	194,113	218,400
	Micron Technology, Incorporated	Notes	02/01/25	5.500%	255,000	230,475	269,025
	Microsoft Corporation	Notes	02/12/35	3.500%	305,000	301,492	307,516
	Microsoft Corporation	Notes	02/06/37	4.100%	580,000	578,741	624,730
	Midamerican Energy Company	Notes	10/15/36	5.800%	320,000	244,509	402,134
	Midamerican Energy Company	Notes	08/01/47	3.950%	235,000	234,669	241,662
	Molson Coors Brewing Company	Notes	03/15/20	2.250%	546,000	545,541	546,011
	Momentive Performance	Notes	10/24/21	3.880%	265,000	230,149	263,013
	Mondelez Int'l Holdings	Notes	10/28/21	2.000%	750,000	747,233	730,740
	Morgan Stanley	Notes	07/27/26	3.125%	80,000	79,456	77,780
	Morgan Stanley	Notes	11/07/21	2.625%	550,000	547,190	549,192
	Morgan Stanley	Notes	02/25/23	3.750%	695,000	700,222	722,668
	Morgan Stanley	Notes	04/01/21	2.500%	250,000	249,160	249,807
	Morgan Stanley	Notes	05/13/19	7.300%	100,000	114,477	109,327
	MPH Acquisition	Bonds	n/a	n/a	228,548	227,371	228,548
	MPH Acquisition	Notes	06/01/24	7.125%	360,000	361,106	383,850
	MPT Oper Partnership	Notes	05/01/24	5.500%	890,000	924,194	930,050
	MPT Oper Partnership	Notes	03/01/24	6.375%	715,000	745,888	777,655
	MPT Oper Partnership	Notes	08/01/26	5.250%	660,000	669,376	686,129
	MSCI, Incorporated	Notes	11/15/24	5.250%	605,000	626,700	641,300

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MSCI, Incorporated	Notes	08/15/25	5.750%	615,000	616,312		666,119
Municipal Elec Authority GA	Bonds	04/01/57	6.637%	275,000	299,377		337,587
Municipal Elec Authority GA	Bonds	04/01/57	6.655%	540,000	541,134		659,664
National Australia Bank	Notes	05/22/20	Var%	1,270,000	1,272,507		1,272,235
Navient Corporation	Notes	10/25/24	5.875%	495,000	498,937		503,811
NBC Universal Enterprise COGT	Notes	04/01/21	Var%	2,040,000	2,040,000		2,045,141
NBTY, Incorporated	Notes	05/15/21	7.625%	1,015,000	1,041,778		1,078,437
NCL Corporation	Notes	12/15/21	4.750%	645,000	645,719		669,504
NCL Corporation	Notes	11/15/20	4.625%	340,000	347,669		349,034
Neptune Finco Corporation	Notes	10/15/25	10.875%	1,305,000	1,497,875		1,570,894
Netflix, Incorporated	Notes	02/15/22	5.500%	410,000	426,738		445,231
Netflix, Incorporated	Notes	11/15/26	4.375%	260,000	259,931		259,350
New York Life Global Funding	Notes	01/02/19	2.100%	265,000	264,695		266,280
New York Life Insurance	Bonds	11/15/39	6.750%	165,000	214,460		231,764
Newfield Exploration Company	Notes	01/01/26	5.375%	525,000	471,962		543,375
Nielsen Finance LLC	Notes	10/01/20	4.500%	445,000	455,486		451,800
Nielsen Finance LLC	Notes	04/15/22	5.000%	1,440,000	1,480,452		1,494,000
Nissan Auto	Notes	05/15/19	1.070%	87,788	87,784		87,675
Noble Energy, Incorporated	Notes	03/01/41	6.000%	185,000	183,772		207,013
Noble Energy, Incorporated	Notes	12/15/21	4.150%	400,000	405,515		421,476
Northrop Grumman Corporation	Notes	08/01/23	3.250%	300,000	298,386		310,272
Northwestern Mutual Life	Notes	03/30/40	6.063%	215,000	247,807		279,672
Nova Chemicals Corporation	Notes	05/01/25	5.000%	630,000	633,073		626,850
Nova Chemicals Corporation	Notes	06/01/24	4.875%	415,000	414,962		413,444
Nova Chemicals Corporation	Notes	06/01/27	5.250%	615,000	614,962		611,925
Novelis Corporation	Notes	09/30/26	5.875%	465,000	466,401		478,950
NRG Energy, Incorporated	Notes	01/15/27	6.625%	1,470,000	1,439,681		1,471,837
NRG Energy, Incorporated	Notes	03/15/23	6.625%	740,000	734,547		760,350
NRG Energy, Incorporated	Notes	07/15/22	6.250%	550,000	550,642		564,437
NRG Energy, Incorporated	Notes	05/15/26	7.250%	1,130,000	1,137,711		1,169,550
Nuance Communications	Notes	08/15/20	5.375%	220,000	223,300		223,575
Nuance Communications	Notes	07/01/24	6.000%	840,000	851,025		894,600
Numericable Group SA	Notes	05/01/26	7.375%	1,425,000	1,437,250		1,546,125
Numericable Group SA	Notes	05/15/22	6.000%	2,490,000	2,513,601		2,605,162
Nustar Logistics	Notes	09/01/20	4.800%	220,000	231,656		228,800
Nustar Logistics	Notes	04/28/27	5.625%	320,000	324,987		336,000
NXP BV	Bonds	n/a	n/a	400,000	420,519		421,200
Oasis Petroleum, Incorporated	Notes	11/01/21	6.500%	155,000	156,338		150,350
Oasis Petroleum, Incorporated	Notes	03/15/22	6.875%	700,000	689,440		679,000
Onemain Financial Holdings, Inc.	Notes	12/15/21	7.250%	495,000	520,901		521,359
Oneok, Inc.	Notes	06/15/35	6.000%	370,000	363,988		398,231
Open Text Corporation	Notes	06/01/26	5.875%	615,000	616,162		661,506
Oracle Corporation	Notes	05/15/35	3.900%	525,000	521,456		541,002
Pacific Gas & Electric	Notes	11/30/17	5.625%	410,000	382,000		416,732
Park Aerospace Holdings	Notes	08/15/22	5.250%	1,130,000	1,137,472		1,181,212
Park Aerospace Holdings	Notes	02/15/24	5.500%	1,135,000	1,143,238		1,185,508
PDC Energy, Inc.	Notes	09/15/24	6.125%	235,000	242,775		238,525
Peco Energy Company	Notes	10/01/44	4.150%	280,000	279,040		292,096
Penske Automotive Group	Notes	12/01/24	5.375%	200,000	202,394		201,250
Petroleos Mexicanos	Notes	01/23/45	6.375%	340,000	337,457		331,500
Petsmart	Bonds	06/01/25	5.875%	325,000	318,600		313,219
Pfizer, Inc.	Bonds	12/15/36	4.000%	225,000	223,918		237,704
Pharmaceutical Product Development	Bonds	n/a	n/a	237,293	236,170		237,293

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a)	(b)					(d)	(e)
	Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value
	Philadelphia PA Authority	Bonds	04/15/26	3.964%	440,000	440,000	442,310
	Philip Morris Int'l, Inc.	Bonds	02/21/20	2.000%	435,000	432,338	435,927
	Phillips 66	Notes	04/15/19	Var%	305,000	305,000	305,708
	Phillips 66	Notes	02/15/25	3.605%	160,000	159,947	158,442
	Plains All Amer Pipeline	Bonds	12/15/26	4.500%	205,000	204,418	207,327
	Playa Pacific Partners LLC Second Lien Bond	Bonds	n/a	n/a	23,910,000	23,910,000	-
	PNC Bank NA	Notes	07/02/19	2.250%	280,000	279,126	282,047
	PNC Bank NA	Notes	12/09/21	2.550%	250,000	249,627	251,625
	Post Holdings, Incorporated	Notes	12/15/22	6.000%	435,000	456,450	461,100
	Post Holdings, Incorporated	Notes	03/01/25	5.500%	390,000	390,000	402,188
	Post Holdings, Incorporated	Notes	03/01/27	5.750%	375,000	375,562	385,313
	PPL Energy Supply LLC	Notes	12/15/21	4.600%	1,595,000	1,182,679	1,212,200
	Precision Drilling Corporation	Notes	11/15/20	6.625%	313,903	304,774	306,840
	Precision Drilling Corporation	Notes	12/15/21	6.500%	410,000	384,910	401,287
	Precision Drilling Corporation	Notes	11/15/24	5.250%	565,000	487,975	492,962
	Presidio LLC	Bonds	n/a	n/a	363,047	350,325	363,047
	Prime Sec One MS, Incorporated	Notes	07/15/32	4.875%	460,000	365,195	402,500
	Project Homesake Merger	Notes	03/01/23	8.875%	395,000	396,662	401,419
	Pub Service New Hamp Mortgage	Notes	11/01/23	3.500%	135,000	134,506	140,970
	Pultegroup, Incorporated	Notes	03/01/21	4.250%	365,000	377,300	380,513
	Qualcomm, Inc.	Notes	05/20/19	1.850%	215,000	214,901	215,490
	QVC, Incorporated	Notes	07/02/22	5.125%	385,000	396,035	407,060
	QVC, Incorporated	Notes	08/15/34	5.450%	475,000	448,366	452,292
	Rabobank Nederland	Notes	02/08/22	3.875%	145,000	143,872	153,829
	Rackspace Hosting	Notes	n/a	n/a	338,850	337,156	338,850
	Range Resources Corporation	Notes	08/15/22	5.000%	635,000	514,023	623,888
	Range Resources Corporation	Notes	03/15/23	5.000%	585,000	489,498	571,837
	Reckitt Benckiser	Bonds	06/26/24	2.750%	475,000	474,487	470,972
	Regal Entertainment Group	Notes	03/15/22	5.750%	783,000	766,130	818,235
	Regency Energy Partners Company	Notes	04/15/23	5.500%	870,000	897,550	900,450
	Reynolds American, Incorporated	Notes	09/15/43	6.150%	115,000	131,714	143,601
	Reynolds Group Holdings	Notes	n/a	n/a	917,512	917,629	917,512
	Reynolds Group ISS	Notes	02/15/21	6.875%	298,142	309,949	306,341
	Reynolds Group ISS	Notes	10/15/20	5.750%	415,000	427,547	424,686
	Reynolds Group ISS	Notes	07/15/23	5.125%	665,000	673,142	690,769
	Rite Aid Corporation	Notes	04/01/23	6.125%	235,000	236,989	230,742
	Rockies Epxress Pipeline	Notes	07/15/38	7.500%	255,000	295,325	287,513
	Rockies Epxress Pipeline	Notes	04/15/20	5.625%	690,000	718,344	733,125
	Rockies Epxress Pipeline	Notes	04/15/40	6.875%	510,000	519,056	555,900
	Rockwell Collins, Inc.	Notes	03/15/24	3.200%	455,000	453,690	461,211
	Rose Rock Midstream	Notes	11/15/23	5.625%	905,000	794,138	859,750
	RR Donnelly & Sons Company	Notes	03/15/21	7.875%	75,000	79,125	81,187
	Ryland Group Company	Notes	10/01/22	5.375%	295,000	285,006	317,863
	Sabra Health/Capital Corporation	Notes	02/01/21	5.500%	765,000	799,275	795,600
	Sanchez Energy Corporation	Notes	06/15/21	7.750%	170,000	162,594	153,850
	Sanchez Energy Corporation	Notes	01/15/23	6.125%	890,000	825,594	712,000
	Santander Drive Auto Receivables	Bonds	06/17/19	2.250%	213,818	213,819	214,157
	Santander Drive Auto Receivables	Bonds	04/15/19	1.810%	26,786	26,941	26,792
	Santander Drive Auto Receivables	Bonds	01/15/20	3.250%	158,880	164,745	159,289
	Santander Drive Auto Receivables	Bonds	04/15/20	2.360%	287,390	287,343	288,017
	Santander Drive Auto Receivables	Bonds	11/15/19	2.330%	264,519	264,438	265,325
	Santander Drive Auto Receivables	Bonds	08/17/20	2.130%	333,897	333,833	334,478
	Schaeffler Verwaltung	Notes	09/15/23	4.500%	355,000	354,038	360,325
	Schlumberger Holdings Corporation	Notes	12/21/20	3.000%	455,000	453,972	463,281

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND

ALEXANDRIA, VIRGINIA

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AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest	Cost
				Current Value
Scientific Games International	Notes	09/01/20	6.250%	370,000
Scientific Games International	Notes	12/01/22	10.000%	460,000
Sealed Air Corporation	Notes	09/15/25	5.500%	370,000
Seaworld Parks & Entertainment	Notes	n/a	n/a	73,595
Sensata Tech UK Fin Company	Notes	02/15/26	6.250%	405,000
Service Corp International	Notes	10/01/18	7.625%	235,000
Service Corp International	Notes	01/15/22	5.375%	270,000
Service Corp International	Notes	05/15/24	5.375%	480,000
Servicemaster Company	Notes	n/a	n/a	437,800
Shell International	Notes	08/12/23	3.400%	275,000
Shell International	Notes	05/11/35	4.125%	550,000
Sherwin-Williams Company	Notes	06/01/24	3.125%	330,000
Siemens Finance	Notes	05/27/22	2.900%	440,000
Siemens Finance	Notes	03/16/20	2.200%	260,000
Sinclair Television Group	Bonds	n/a	n/a	171,943
Sinclair Television Group	Bonds	04/01/21	5.375%	105,000
Sinclair Television Group	Bonds	02/15/27	5.125%	220,000
Sirius XM Radio, Incorporated	Notes	05/15/20	4.250%	330,000
Sirius XM Radio, Incorporated	Notes	05/15/23	4.625%	90,000
Sirius XM Radio, Incorporated	Notes	07/15/24	6.000%	470,000
Sirius XM Radio, Incorporated	Notes	07/15/26	5.375%	685,000
Six Flags Entertainment	Notes	08/01/27	5.000%	690,000
SLM Corporation	Notes	03/25/20	8.000%	230,000
SLM Corporation	Notes	06/17/19	4.875%	1,760,000
SLM Corporation	Notes	01/15/19	5.500%	190,000
SLM Corporation	Notes	03/25/24	6.125%	250,000
SM Energy Company	Notes	01/15/24	5.000%	270,000
SM Energy Company	Notes	11/15/22	6.125%	465,000
Softbank Group Corp	Notes	04/15/20	4.500%	430,000
Southern Company	Notes	09/01/19	2.150%	275,000
Southern Company	Notes	07/01/23	2.950%	370,000
Spectrum Brands, Incorporated	Notes	07/15/25	5.750%	230,000
Springcastle SPV	Notes	04/25/29	3.050%	298,708
Springleaf Finance Corporation	Notes	10/01/21	7.750%	230,000
Springleaf Finance Corporation	Notes	05/15/22	6.125%	450,000
Sprint Corporation	Notes	09/15/23	7.875%	1,310,000
Sprint Corporation	Notes	06/15/24	7.125%	1,900,000
Sprint Nextel Corporation	Notes	11/15/22	6.000%	350,000
Standard Pacific Corporation	Notes	01/15/21	8.375%	255,000
Station Casinos LLC	Notes	03/01/21	7.500%	195,000
Steel Dynamics, Inc.	Notes	10/01/24	5.500%	375,000
Summit Mid Holdings	Notes	08/15/22	5.500%	25,000
Summit Mid Holdings	Notes	04/15/25	5.750%	740,000
Suncor Energy, Incorporated	Notes	12/01/24	3.600%	415,000
Symantec Corporation	Bonds	04/15/25	5.000%	370,000
Syniverse Holdings	Notes	01/15/22	9.125%	371,000
Talen Energy Supply LLC	Notes	06/01/25	6.500%	440,000
Talen Energy Supply LLC	Notes	07/15/22	9.500%	155,000
Targa Resources Partners LP	Bonds	03/15/24	6.750%	515,000
Targa Resources Partners LP	Bonds	02/01/27	5.375%	425,000
Targa Resources Partners LP	Bonds	02/01/25	5.125%	740,000
Taylor Morrison Comm	Notes	03/01/24	5.625%	444,000
Teamhealth, Incorporated	Notes	n/a	n/a	658,350
Teck Resources Limited	Notes	01/15/22	4.750%	260,000

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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EIN: 52-6152779
Plan No. 001

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	Teck Resources Limited	Notes	07/15/41	6.250%	695,000	573,821	721,063
	Telecom Italia Capital Company	Notes	09/30/34	6.000%	890,000	899,067	941,050
	Telecom Italia Capital Company	Notes	05/30/24	5.303%	420,000	450,975	450,450
	Tenet Healthcare Corporation	Notes	11/15/31	6.875%	165,000	158,724	151,800
	Tenet Healthcare Corporation	Notes	11/01/18	6.250%	490,000	531,170	516,950
	Tenet Healthcare Corporation	Notes	04/01/22	8.125%	220,000	227,841	233,475
	Tenet Healthcare Corporation	Notes	03/01/19	5.000%	1,280,000	1,296,020	1,091,557
	Tenet Healthcare Corporation	Notes	01/01/22	7.500%	670,000	698,332	726,816
	Tenet Healthcare Corporation	Notes	07/15/24	4.625%	556,000	556,056	556,695
	Tesoro Logistics LP	Notes	10/15/21	6.125%	350,000	366,450	364,000
	Teva Pharmaceuticals	Notes	07/01/23	2.800%	380,000	378,731	369,607
	THC Escrow Corporation	Notes	n/a	n/a	693,000	693,056	694,871
	Time Warner, Incorporated	Notes	05/15/29	6.625%	94,000	70,968	118,040
	Time Warner, Incorporated	Notes	06/01/24	3.550%	240,000	239,779	243,197
	T-Mobile USA, Incorporated	Notes	03/01/23	6.000%	1,295,000	1,315,928	1,370,667
	Toll Bros Finance Corporation	Notes	04/15/23	4.375%	165,000	166,013	170,693
	Toll Bros Finance Corporation	Notes	12/31/18	4.000%	390,000	401,052	399,750
	Total Capital International	Notes	02/17/22	2.875%	375,000	378,487	382,016
	Toyota Motor Credit Corp	Notes	01/11/22	2.600%	375,000	374,494	378,952
	Trans-Canada Pipelines	Notes	03/01/34	4.625%	350,000	348,418	384,073
	TSMC Global Limited	Notes	04/03/18	1.625%	235,000	234,843	234,525
	Tyson Foods, Inc.	Notes	06/02/27	3.550%	705,000	704,499	713,227
	Union Pacific Corporation	Notes	04/15/27	3.000%	210,000	207,077	210,575
	United Rentals	Notes	11/15/24	5.750%	225,000	221,031	235,687
	UnitedHealth Group, Incorporated	Notes	12/15/21	2.875%	255,000	254,725	260,638
	Uniti Group	Notes	12/15/24	7.125%	215,000	216,681	213,119
	UnityMedia	Notes	01/15/25	5.000%	435,000	453,912	455,663
	Univision Communications	Notes	05/15/23	5.125%	785,000	797,826	792,599
	Univision Communications	Notes	09/15/22	6.750%	320,000	336,000	332,800
	Univision Communications	Notes	n/a	n/a	681,230	679,957	681,230
	Unum Group	Notes	05/15/21	3.000%	145,000	144,684	146,382
	UPCB Finance IV Limited	Notes	01/15/25	5.375%	235,000	225,919	245,869
	US Bank NA	Notes	10/28/19	2.125%	285,000	284,743	287,120
	US West Communications	Bonds	09/15/33	6.875%	910,000	903,209	895,431
	USG Corporation	Notes	03/01/25	5.500%	265,000	270,475	281,563
	Valeant Pharmaceuticals	Notes	03/01/23	5.500%	1,885,000	1,642,531	1,599,875
	Valero Energy Corporation	Notes	09/15/26	3.400%	145,000	143,553	141,845
	Verizon Communications	Notes	11/01/34	4.400%	525,000	521,199	520,201
	Verizon Communications	Notes	09/15/48	4.522%	120,000	92,503	113,531
	Verizon Owners Trust Series	Notes	n/a	n/a	145,000	144,976	144,282
	Verizon Owners Trust Series	Notes	n/a	n/a	315,000	314,952	314,950
	Virgin Media Finance PLC	Notes	10/15/24	6.000%	215,000	228,706	227,900
	Virgin Media Finance PLC	Notes	08/15/26	5.500%	740,000	755,788	775,150
	Virginia Electric & Power Company	Notes	08/15/43	4.650%	170,000	169,918	191,729
	Visa, Incorporated	Notes	12/14/22	2.800%	95,000	94,868	96,723
	Vistra Operations Company	Notes	n/a	n/a	149,250	148,877	149,250
	Vodafone Group PLC	Notes	02/19/23	2.950%	180,000	179,167	180,961
	VRX Escrow Corporation	Notes	05/15/23	5.875%	2,805,000	2,519,819	2,405,287
	VRX Escrow Corporation	Notes	04/15/25	6.125%	455,000	415,258	385,044
	Walgreens Boots Alliance	Notes	11/18/44	4.800%	25,000	22,876	26,604
	Walgreens Boots Alliance	Notes	11/18/21	3.300%	260,000	259,290	268,083
	Wal-Mart Stores, Incorporated	Notes	04/22/44	4.300%	360,000	357,656	398,736
	Wells Fargo & Company	Notes	01/22/21	3.000%	430,000	429,273	439,107

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Wells Fargo & Company	Notes	04/22/19	2.125%	195,000	194,587		196,016
Wells Fargo & Company	Notes	07/26/21	2.100%	560,000	559,474		552,490
Wells Fargo & Company	Notes	07/26/21	Var%	1,535,000	1,544,271		1,563,781
Wells Fargo & Company	Notes	01/24/23	3.069%	710,000	710,000		719,947
Wells Fargo & Company	Notes	12/06/19	2.150%	310,000	309,572		311,435
Western Digital Corporation	Notes	04/01/24	10.500%	1,115,000	1,203,359		1,315,343
Whiting Petroleum Corporation	Notes	03/15/19	5.000%	350,000	271,152		347,813
Whiting Petroleum Corporation	Notes	03/15/21	5.750%	565,000	526,294		531,100
Whiting Petroleum Corporation	Notes	04/01/23	6.250%	785,000	662,561		720,237
Wideopenwest Finance	Notes	n/a	n/a	446,625	446,625		446,625
Wideopenwest Finance	Notes	07/15/19	10.250%	550,000	576,485		566,500
Williams Companies	Bonds	01/15/31	7.500%	310,000	340,197		367,350
Williams Companies	Notes	06/24/24	4.550%	285,000	292,988		292,838
Williams Companies	Notes	06/24/44	5.750%	540,000	487,119		557,550
Williams Partners LP	Notes	03/04/44	5.400%	285,000	284,077		301,017
Wind Acquisition	Notes	04/23/21	7.375%	465,000	467,073		483,600
Wind Acquisition	Notes	07/15/20	4.750%	770,000	755,775		778,085
WPX Energy, Inc.	Notes	09/15/24	5.250%	470,000	460,450		446,500
Wynn Las Vegas, LLC	Notes	03/01/25	5.500%	450,000	457,931		473,346
WR Grace & Company	Notes	10/01/21	5.125%	115,000	121,262		123,338
WR Grace & Company	Notes	10/01/24	5.625%	115,000	122,875		122,906
Zayo Group LLC	Notes	05/15/25	6.375%	155,000	168,200		167,302
Zayo Group LLC	Notes	04/01/23	6.000%	230,000	243,950		242,075
Zayo Group LLC	Notes	01/15/27	5.750%	1,040,000	1,074,660		1,088,100
Zebra Technologies Corporation	Notes	10/15/22	7.250%	280,000	293,300		297,500
ZF North America Capital	Notes	04/29/20	4.000%	315,000	327,169		326,025
Ziggo	Notes	01/15/27	5.500%	885,000	886,142		904,045
Total Corporate and Other Notes and Bonds					\$ 354,281,156	\$	336,133,936

Common & Preferred Stocks

1 800 Flowers COM, Incorporated	Equity	N/A	N/A	34,864	\$ 244,242	\$	339,924
2U, Incorporated	Equity	N/A	N/A	32,287	888,407		1,514,906
3I Group PLC	Equity	N/A	N/A	159,740	1,338,491		1,877,689
3I Group PLC	Equity	N/A	N/A	73,500	524,965		863,968
A2A SPA	Equity	N/A	N/A	297,401	451,201		494,081
Aalberts Industries NV	Equity	N/A	N/A	29,346	1,022,592		1,168,423
Aaron's, Inc.	Equity	N/A	N/A	21,613	837,292		840,746
Aaron's, Inc.	Equity	N/A	N/A	16,700	510,983		649,630
ABB LTD	Equity	N/A	N/A	74,356	1,734,413		1,836,218
Abbott Laboratories, Incorporated	Equity	N/A	N/A	60,034	2,489,401		2,918,253
ABN Amro Group NV	Equity	N/A	N/A	38,266	-		1,014,407
ABN Amro Group NV	Equity	N/A	N/A	18,200	398,234		482,470
Abraxas Petroleum	Equity	N/A	N/A	232,973	514,086		377,416
Acacia Mining PLC	Equity	N/A	N/A	43,000	-		166,840
ACS Actividades de Construcion	Equity	N/A	N/A	42,466	1,375,678		1,640,602
Activision Blizzard, Inc.	Equity	N/A	N/A	53,892	2,651,137		3,102,562
Activision Blizzard, Inc.	Equity	N/A	N/A	400	14,722		23,028
Adidas AG NV	Equity	N/A	N/A	7,254	809,130		1,388,416
Adidas AG NV	Equity	N/A	N/A	18,042	2,841,008		3,453,239
Adient PLC	Equity	N/A	N/A	13,667	677,196		893,548
Adobe Systems, Incorporated	Equity	N/A	N/A	48,094	3,496,992		6,802,415
Adtalem Global Education, Inc.	Equity	N/A	N/A	21,450	699,345		814,028
Aduro Biotech, Incorporated	Equity	N/A	N/A	52,336	596,561		596,630
Advanced Drainage Systems	Equity	N/A	N/A	90,129	2,154,219		1,811,593

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(d) Cost		(e) Current Value
Advanced Emissions Solutions	Equity	N/A	N/A	5,216	110,095		47,779
Advanced Energy Industries, Incorporated	Equity	N/A	N/A	2,867	73,360		185,466
Advansix, Inc.	Equity	N/A	N/A	38,164	650,855		1,192,243
Aegon NV	Equity	N/A	N/A	66,000	1,004,848		337,164
Aercap Holdings NV	Equity	N/A	N/A	51,450	2,332,507		2,388,823
Aercap Holdings NV	Equity	N/A	N/A	12,378	555,030		574,711
Aerie Pharmaceuticals, Incorporated	Equity	N/A	N/A	26,921	299,320		1,414,699
Aerojet Rocketdyne Holdings, Incorporated	Equity	N/A	N/A	32,792	573,336		682,074
AES Corporation	Equity	N/A	N/A	271,237	3,216,281		3,013,443
AES Corporation	Equity	N/A	N/A	52,200	625,412		579,942
Aetna, Incorporated	Equity	N/A	N/A	8,000	270,713		1,214,640
Aetna, Incorporated	Equity	N/A	N/A	15,800	2,001,939		2,398,914
Affirmed NV	Equity	N/A	N/A	60,295	218,030		123,605
Aflac, Incorporation	Equity	N/A	N/A	61,227	4,481,563		4,756,113
Aflac, Incorporation	Equity	N/A	N/A	9,700	205,895		753,496
Agilent Technologies	Equity	N/A	N/A	2,000	108,671		118,620
Agios Pharmaceuticals, Incorporated	Equity	N/A	N/A	2,569	67,111		132,175
AIA Group Limited	Equity	N/A	N/A	349,400	1,478,547		2,592,548
AIA Group Limited	Equity	N/A	N/A	32,600	181,023		241,892
Aircastle Limited	Equity	N/A	N/A	34,800	419,584		756,900
Aisin Seiki Company Limited	Equity	N/A	N/A	10,000	384,958		511,225
Akamai Technologies	Equity	N/A	N/A	115,200	5,230,956		5,738,112
Akorn, Incorporated	Equity	N/A	N/A	23,151	585,840		776,485
Alamo Group, Incorporated	Equity	N/A	N/A	5,951	167,345		540,410
Alapis Holding Industrial	Equity	N/A	N/A	357	-		357
Alaska Air Group, Incorporated	Equity	N/A	N/A	11,400	791,556		1,023,264
Alaska Air Group, Incorporated	Equity	N/A	N/A	25,400	2,328,924		2,279,904
Albany International Corporation Class A	Equity	N/A	N/A	16,798	317,496		897,013
Albany Molecular Resh, Incorporated	Equity	N/A	N/A	46,743	686,043		1,014,323
Albemarle Corporation	Equity	N/A	N/A	25,780	2,246,150		2,720,821
Alexion Pharmaceuticals, Incorporated	Equity	N/A	N/A	22,861	3,426,786		2,781,498
Alibaba Group Holdings Limited	Equity	N/A	N/A	13,720	1,159,242		1,933,148
Alibaba Group Holdings Limited	Equity	N/A	N/A	69,808	5,907,889		9,835,947
Alibaba Group Holdings Limited	Equity	N/A	N/A	56,800	5,408,563		8,003,120
Align Technology, Incorporated	Equity	N/A	N/A	57,700	2,097,308		8,661,924
Allergan PLC	Equity	N/A	N/A	26,593	6,900,962		6,464,492
Allergan PLC	Equity	N/A	N/A	9,000	1,744,288		2,187,810
Allete, Incorporated	Equity	N/A	N/A	27,410	1,463,796		1,964,749
Allete, Incorporated	Equity	N/A	N/A	20,389	837,698		1,461,484
Alliance Data Systems Corporation	Equity	N/A	N/A	10,500	2,628,530		2,695,245
Allianz SE	Equity	N/A	N/A	1,202	190,685		237,052
Allianz SE	Equity	N/A	N/A	9,900	1,664,791		1,952,428
Allied Irish Banks	Equity	N/A	N/A	106,950	527,050		622,449
Allscripts Healthcare Solutions, Incorporated	Equity	N/A	N/A	92,376	1,246,008		1,178,718
Allstate Corporation	Equity	N/A	N/A	53,505	2,444,241		4,731,982
Allstate Corporation	Equity	N/A	N/A	15,900	413,592		1,406,196
Allstate Corporation	Equity	N/A	N/A	17,587	850,457		1,555,394
Ally Financial, Incorporated	Equity	N/A	N/A	227,558	4,292,636		4,755,962
Ally Financial, Incorporated	Equity	N/A	N/A	99,577	2,027,176		2,081,159
Alphabet, Incorporated	Equity	N/A	N/A	9,477	5,482,831		8,612,034
Alphabet, Incorporated	Equity	N/A	N/A	12,400	9,876,744		11,268,252
Alphabet, Incorporated	Equity	N/A	N/A	8,060	4,536,275		7,493,221
Alphabet, Incorporated	Equity	N/A	N/A	6,700	4,238,147		6,228,856
Altaba, Inc.	Equity	N/A	N/A	143,300	3,787,089		7,806,984

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a) Identity of issuer, borrower, lessor or similar party	(b) Description	(c) Maturity Date	(c) Rate of Interest	(c) Cost	(d) Current Value
Altra Industrial Motion Corporation	Equity	N/A	N/A	35,637	872,559
Altra Industrial Motion Corporation	Equity	N/A	N/A	7,171	99,144
Amada Company Limited	Equity	N/A	N/A	19,100	179,356
Amadeus IT Group	Equity	N/A	N/A	8,262	498,241
AMAG Pharmaceutical, Inc.	Equity	N/A	N/A	17,400	593,683
Amazon Com, Incorporated	Equity	N/A	N/A	14,876	5,296,518
Amazon Com, Incorporated	Equity	N/A	N/A	23,398	12,735,938
AMC Networks	Equity	N/A	N/A	11,909	703,703
AMC Networks	Equity	N/A	N/A	8,000	441,164
American Airlines Group, Incorporated	Equity	N/A	N/A	7,331	332,417
American Airlines Group, Incorporated	Equity	N/A	N/A	20,200	888,234
American Airlines Group, Incorporated	Equity	N/A	N/A	83,900	4,120,386
American Campus Communities, Incorporated	Equity	N/A	N/A	20,979	647,652
American Eagle Outfitters, Incorporated	Equity	N/A	N/A	18,416	331,222
American Eagle Outfitters, Incorporated	Equity	N/A	N/A	53,300	839,729
American Electric Power, Incorporated	Equity	N/A	N/A	50,411	2,487,163
American Electric Power, Incorporated	Equity	N/A	N/A	19,800	820,240
American Electric Power, Incorporated	Equity	N/A	N/A	17,439	1,012,370
American Express Co.	Equity	N/A	N/A	13,650	1,085,351
American Financial Group, Incorporated	Equity	N/A	N/A	10,900	315,226
American Tower Corporation	Equity	N/A	N/A	33,600	3,601,997
Ameriprise Financial, Incorporated	Equity	N/A	N/A	9,900	430,173
Ameriprise Financial, Incorporated	Equity	N/A	N/A	200	23,163
Ameriprise Financial, Incorporated	Equity	N/A	N/A	9,300	867,408
Ameris Bancorp	Equity	N/A	N/A	29,166	476,002
Amgen, Incorporated	Equity	N/A	N/A	4,975	891,746
Amicus Therapeutics, Inc.	Equity	N/A	N/A	62,734	372,137
Amkor Technology, Incorporated	Equity	N/A	N/A	74,923	875,537
Amkor Technology, Incorporated	Equity	N/A	N/A	122,500	568,113
Amundi SA	Equity	N/A	N/A	20,858	-
Analog Devices, Inc.	Equity	N/A	N/A	4,400	357,064
Antero Resources Corporation	Equity	N/A	N/A	22,806	493,773
Antofagast A PLC	Equity	N/A	N/A	79,901	835,136
Aozora Bank Limited	Equity	N/A	N/A	38,000	145,718
Aozora Bank Limited	Equity	N/A	N/A	124,000	392,580
Apogee Enterprises, Incorporated	Equity	N/A	N/A	12,380	574,371
Apollo Investment Corporation	Equity	N/A	N/A	121,791	719,833
Apple, Incorporated	Equity	N/A	N/A	86,219	8,215,421
Apple, Incorporated	Equity	N/A	N/A	28,200	3,027,945
Applied Industrial Technologies, Incorporated	Equity	N/A	N/A	28,349	942,090
Applied Materials, Inc.	Equity	N/A	N/A	95,592	3,282,148
Applied Optoelectronics, Inc.	Equity	N/A	N/A	9,236	568,813
Arbor Realty Trust, Inc.	Equity	N/A	N/A	31,435	257,046
Arch Coal, Inc.	Equity	N/A	N/A	5,460	367,375
Arch Coal, Inc.	Equity	N/A	N/A	11,039	759,278
Archer Daniels Midland Company	Equity	N/A	N/A	19,900	523,956
Argo Group International	Equity	N/A	N/A	20,630	844,667
Arkema	Equity	N/A	N/A	810	1
Armstrong World Industries	Equity	N/A	N/A	16,255	641,167
Arris International Limited	Equity	N/A	N/A	25,916	796,787
Arrium Limited	Equity	N/A	N/A	933,600	1,263,576
Aryzta AG	Equity	N/A	N/A	9,900	400,294
Asahi Glass Company Limited	Equity	N/A	N/A	190,000	1,379,929
Asaleo Care Limited	Equity	N/A	N/A	176,612	229,012

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
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					(d) Cost	Current Value
Asaleo Care Limited	Equity	N/A	N/A	348,200	415,022	403,912
Ashland Global Holdings, Incorporated	Equity	N/A	N/A	50,400	2,699,180	3,321,864
Ashtead Group PLC	Equity	N/A	N/A	19,500	313,599	406,575
ASM International NV	Equity	N/A	N/A	4,047	-	235,691
ASML Holding NV	Equity	N/A	N/A	7,968	-	1,038,386
ASML Holding NV	Equity	N/A	N/A	1,814	-	236,400
Aspen Technology, Incorporated	Equity	N/A	N/A	14,486	796,063	800,496
Aspen Technology, Incorporated	Equity	N/A	N/A	38,475	1,894,708	2,126,128
Assa Abloy AB-B	Equity	N/A	N/A	76,360	1,501,074	1,682,287
Assurant, Incorporated	Equity	N/A	N/A	22,300	2,155,538	2,312,287
Assurant, Incorporated	Equity	N/A	N/A	7,800	428,247	808,782
Assured Guaranty Limited	Equity	N/A	N/A	51,143	1,702,337	2,134,709
Astrazeneca PLC	Equity	N/A	N/A	6,500	346,884	434,954
AT&T, Incorporated	Equity	N/A	N/A	43,900	1,552,500	1,656,347
AT&T, Incorporated	Equity	N/A	N/A	75,922	3,163,475	2,864,537
Atlas Financial Holdings, Incorporated	Equity	N/A	N/A	15,787	282,372	235,226
Atos SE Sedol	Equity	N/A	N/A	8,700	829,789	1,221,223
Atricure, Incorporated	Equity	N/A	N/A	43,286	681,343	1,049,685
Aurizon Holdings LTD	Equity	N/A	N/A	59,493	658	245,092
Aurubis AG	Equity	N/A	N/A	10,200	-	799,909
Ausdrill Limited	Equity	N/A	N/A	105,700	379,819	149,076
Ausnet Services NPV	Equity	N/A	N/A	177,075	216,857	236,131
Austevoll Seafood ASA	Equity	N/A	N/A	25,924	228,278	220,464
Autodesk, Incorporated	Equity	N/A	N/A	104,000	3,837,350	10,485,280
Autozone, Inc.	Equity	N/A	N/A	920	737,139	524,823
Avalonbay Communities, Incorporated	Equity	N/A	N/A	15,500	1,996,455	2,978,635
Aviva PLC Sedol	Equity	N/A	N/A	262,987	1,669,807	1,801,703
AXA	Equity	N/A	N/A	39,205	800,066	1,080,098
Axis Capital Holdings Limited	Equity	N/A	N/A	8,875	448,752	573,857
BAE Systems PLC	Equity	N/A	N/A	144,378	1,089,912	1,198,337
BAE Systems PLC	Equity	N/A	N/A	198,000	1,449,140	1,643,400
Ball Corporation	Equity	N/A	N/A	18,658	723,578	787,554
Baloise Holding AG	Equity	N/A	N/A	1,067	164,937	164,907
Baloise Holding AG	Equity	N/A	N/A	7,500	426,029	1,159,141
Banc of California, Inc.	Equity	N/A	N/A	82,039	1,789,955	1,763,838
Banco Bilbao Vixzaya Argenta	Equity	N/A	N/A	176,127	1,448,122	1,461,454
Banco Latinoamericano De Comercio	Equity	N/A	N/A	29,200	535,039	799,496
Banco Santander BA	Equity	N/A	N/A	116,417	772,060	783,486
Banco Santander BA	Equity	N/A	N/A	87,100	783,798	586,183
Bancorpsouth, Incorporated	Equity	N/A	N/A	64,671	1,859,332	1,972,466
Bancorpsouth, Incorporated	Equity	N/A	N/A	35,593	541,158	1,085,586
Bank Central Asia TBK PT	Equity	N/A	N/A	535,900	668,075	728,690
Bank Hapolim Limited	Equity	N/A	N/A	33,999	198,005	229,401
Bank Hapolim Limited	Equity	N/A	N/A	127,000	485,979	856,907
Bank New York Mellon	Equity	N/A	N/A	4,100	195,531	209,182
Bank Of America Corporation	Equity	N/A	N/A	437,452	7,408,383	10,612,586
Bank Of America Corporation	Equity	N/A	N/A	148,400	2,465,360	3,600,184
Bank Of Queensland Limited	Equity	N/A	N/A	36,250	286,414	319,016
Bank Of the Ozarks	Equity	N/A	N/A	22,772	975,638	1,067,324
Barclays PLC	Equity	N/A	N/A	239,900	1,871,215	614,144
Barratt Developments PLC	Equity	N/A	N/A	76,600	633,385	562,193
BASF SE NV	Equity	N/A	N/A	16,466	1,251,220	1,528,456
BASF SE NV	Equity	N/A	N/A	16,879	1,612,751	1,566,793
BASF SE NV	Equity	N/A	N/A	7,500	288,429	696,187

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				Cost		
Baxter International, Incorporated	Equity	N/A	N/A	74,034	3,933,941	4,482,018
BayCom Corporation	Equity	N/A	N/A	42,341	543,790	738,850
Bayer AG NV	Equity	N/A	N/A	30,400	1,505,798	3,885,120
Bayer AG NV	Equity	N/A	N/A	18,143	2,108,621	2,318,675
Bayer AG NV	Equity	N/A	N/A	7,200	-	920,160
Bayerische Motorenwerke AG	Equity	N/A	N/A	21,307	624,550	2,002,645
Beacon Roofing Supply, Incorporated	Equity	N/A	N/A	17,546	564,323	859,754
Becton Dickinson & Company	Equity	N/A	N/A	16,682	2,896,663	3,254,825
Bed Bath & Beyond	Equity	N/A	N/A	18,050	963,883	548,720
Belden, Incorporated	Equity	N/A	N/A	13,064	552,614	985,418
Bellway PLC	Equity	N/A	N/A	11,754	413,018	455,445
Bellway PLC	Equity	N/A	N/A	13,000	344,571	503,725
Bendigo and Adelaide Bank	Equity	N/A	N/A	67,300	-	573,131
Benefitfocus, Incorporated	Equity	N/A	N/A	22,061	687,726	801,917
Berkeley Group Holding	Equity	N/A	N/A	11,400	431,409	479,145
Berkshire Hathaway, Inc.	Equity	N/A	N/A	3,778	662,072	639,880
Best Buy Company, Incorporated	Equity	N/A	N/A	14,500	529,634	831,285
BHP Billiton PLC	Equity	N/A	N/A	61,654	1,412,176	944,347
Big Lots, Incorporated	Equity	N/A	N/A	13,584	686,506	656,107
Biogen, Incorporated	Equity	N/A	N/A	7,000	1,809,873	1,899,520
Biomarin Pharmaceutical, Incorporated	Equity	N/A	N/A	45,261	3,517,032	4,110,604
Black Hills, Incorporated	Equity	N/A	N/A	33,761	1,979,468	2,277,855
Blackbaud, Inc.	Equity	N/A	N/A	10,252	695,222	879,109
Blackhawk Network Holdings, Inc.	Equity	N/A	N/A	19,138	676,482	834,417
Bloomin Brands, Incorporated	Equity	N/A	N/A	18,627	352,934	395,451
Blucora, Inc.	Equity	N/A	N/A	63,259	699,612	1,341,091
Bluebird Bio, Incorporated	Equity	N/A	N/A	8,754	462,640	919,608
Blueprint Medicines Corporation	Equity	N/A	N/A	10,048	354,505	509,132
Bluescope Steel Limited	Equity	N/A	N/A	49,200	-	499,536
BNP Paribas	Equity	N/A	N/A	26,048	1,304,718	1,891,085
BNP Paribas	Equity	N/A	N/A	3,362	188,509	244,081
BNP Paribas	Equity	N/A	N/A	15,400	1,101,627	1,118,040
Boart Longyear Limited	Equity	N/A	N/A	117,800	285,967	2,709
Boc Hong Kong Holdings Limited	Equity	N/A	N/A	219,500	639,596	1,050,064
Boc Hong Kong Holdings Limited	Equity	N/A	N/A	372,500	1,443,479	1,781,999
Boeing Company	Equity	N/A	N/A	29,421	3,996,848	5,818,003
Boeing Company	Equity	N/A	N/A	22,300	3,589,142	4,409,825
Boise Cascade Company	Equity	N/A	N/A	54,483	1,434,984	1,656,283
Boliden AB	Equity	N/A	N/A	20,000	254,413	545,776
Boot Barn Holdings, Inc.	Equity	N/A	N/A	30,739	300,509	217,632
Booz Allen Hamilton Holding	Equity	N/A	N/A	19,323	504,890	628,770
Booz Allen Hamilton Holding	Equity	N/A	N/A	12,808	474,137	416,772
Bovis Homes Group PLC	Equity	N/A	N/A	27,300	-	27,300
BP PLC	Equity	N/A	N/A	277,100	2,458,292	1,593,325
Brambles Limited	Equity	N/A	N/A	179,864	1,477,876	1,345,106
Brandywine Realty Trust	Equity	N/A	N/A	36,300	413,370	636,339
Bridgestone	Equity	N/A	N/A	41,100	1,328,291	1,769,944
Bridgestone	Equity	N/A	N/A	5,500	192,248	236,854
Briggs & Stratton Corporation	Equity	N/A	N/A	19,700	401,626	474,770
Brinker International, Incorporated	Equity	N/A	N/A	31,300	1,389,369	1,192,530
Bristol Myers Squibb, Company	Equity	N/A	N/A	85,330	4,526,426	4,754,588
Bristol Myers Squibb, Company	Equity	N/A	N/A	600	35,564	33,432
Broadcom Limited	Equity	N/A	N/A	12,090	2,863,595	2,817,575
Broadcom Limited	Equity	N/A	N/A	11,000	1,830,631	2,563,550

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(e)	
					(d) Cost	Current Value
Broadsoft, Incorporated	Equity	N/A	N/A	736	30,275	31,685
Brocade Communications Systems	Equity	N/A	N/A	20,000	200,094	252,200
Brother Industries Limited	Equity	N/A	N/A	28,600	390,502	659,345
Bruker Corporation	Equity	N/A	N/A	33,639	994,288	970,149
Brunswick Corporation	Equity	N/A	N/A	39,019	1,151,353	2,447,662
Brunswick Corporation	Equity	N/A	N/A	26,564	1,613,154	1,666,360
Bryn Mawr Bank Corporation	Equity	N/A	N/A	26,934	764,594	1,144,695
BT Group PLC	Equity	N/A	N/A	52,700	187,364	202,315
Bucher Industries AG	Equity	N/A	N/A	630	144,636	198,251
Buffalo Wild Wings, Incorporated	Equity	N/A	N/A	6,380	968,570	808,346
Bunge Limited	Equity	N/A	N/A	26,833	2,177,967	2,001,742
Bunge Limited	Equity	N/A	N/A	16,500	1,073,325	1,230,900
Burberry Group PLC	Equity	N/A	N/A	65,666	-	1,420,605
BWX Technologies, Incorporated	Equity	N/A	N/A	26,932	612,893	1,312,935
C&C Group PLC	Equity	N/A	N/A	66,300	309,217	243,757
C&J Energy Services, Inc.	Equity	N/A	N/A	31,132	1,205,544	1,066,894
CA, Incorporated	Equity	N/A	N/A	16,600	424,421	572,202
Cabelas, Incorporated	Equity	N/A	N/A	65,601	4,413,067	3,898,011
Cabot Corporation	Equity	N/A	N/A	12,634	492,131	675,035
Cabot Corporation	Equity	N/A	N/A	8,042	425,367	429,684
Cabot Corporation	Equity	N/A	N/A	10,000	376,038	534,300
CACI International, Incorporated Class A	Equity	N/A	N/A	14,038	1,365,577	1,755,452
Cadence Design Systems, Incorporated	Equity	N/A	N/A	15,410	539,517	516,081
Caesars Entertainment Corporation	Equity	N/A	N/A	60,772	760,227	729,264
Calithera Biosciences, Inc.	Equity	N/A	N/A	40,060	353,966	594,891
Callon Pete Company	Equity	N/A	N/A	189,316	2,023,654	2,008,643
Caltex Australia Limited	Equity	N/A	N/A	25,083	608,415	609,401
Camping World Holdings, Inc.	Equity	N/A	N/A	27,743	672,652	855,872
Canadian Pacific Railways LTD	Equity	N/A	N/A	3,800	555,480	611,078
Cardinal Health, Inc.	Equity	N/A	N/A	12,200	986,324	950,624
Cardiovascular Systems, Incorporated	Equity	N/A	N/A	49,393	1,039,299	1,591,936
Cardtronics, Incorporated	Equity	N/A	N/A	24,872	856,070	817,294
Carillion PLC	Equity	N/A	N/A	90,200	348,615	219,455
Carolina Financial Corporation	Equity	N/A	N/A	13,706	350,722	442,978
Carnival Corporation	Equity	N/A	N/A	26,010	1,401,845	1,718,757
Carpenter Technology Corporation	Equity	N/A	N/A	32,487	1,182,620	1,215,988
Carrefour SA	Equity	N/A	N/A	23,300	566,931	583,898
Carrols Restaurant Group, Incorporated	Equity	N/A	N/A	39,484	367,603	483,679
Cars.com, Inc.	Equity	N/A	N/A	9,000	206,648	239,670
Catalent, Incorporated	Equity	N/A	N/A	23,854	647,747	837,275
Cathay General Bancorp	Equity	N/A	N/A	36,028	475,629	1,367,263
Cavium, Incorporated	Equity	N/A	N/A	22,371	1,222,963	1,389,910
CBL & Assoc Properties, Incorporated	Equity	N/A	N/A	128,000	2,683,108	1,079,040
CBL & Assoc Properties, Incorporated	Equity	N/A	N/A	65,600	1,076,211	553,008
CBRE Group, Incorporated	Equity	N/A	N/A	46,429	1,594,839	1,690,016
CBS Corporation Class B	Equity	N/A	N/A	17,665	1,197,268	1,126,674
Celadon Group, Incorporated	Equity	N/A	N/A	66,038	636,618	208,020
Celanese Corporation	Equity	N/A	N/A	12,237	916,133	1,161,781
Celanese Corporation	Equity	N/A	N/A	15,300	814,466	1,452,582
Celgene Corporation	Equity	N/A	N/A	54,576	5,498,047	7,087,785
Celgene Corporation	Equity	N/A	N/A	20,600	2,344,431	2,675,322
Celgene Corporation	Equity	N/A	N/A	9,875	1,217,157	1,282,466
Cembra Money Bank AG	Equity	N/A	N/A	1,220	114,952	115,397
Centamin PLC	Equity	N/A	N/A	265,924	585,665	536,156

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

		(c) Description of investment, including maturity date, rate of interest, collateral, par or maturity value			Plan No.	001
(a)	(b)				(e)	
	Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest	(d) Cost	Current Value
	Centene Corporation	Equity	N/A	N/A	22,672	1,811,039
	Centennial Resource Development	Equity	N/A	N/A	38,638	611,253
	Centerstate Banks, Inc.	Equity	N/A	N/A	28,753	714,800
	Centric A PLC	Equity	N/A	N/A	224,689	585,879
	Centric A PLC	Equity	N/A	N/A	150,200	391,648
	Century Tokyo Leasing Corporation	Equity	N/A	N/A	16,900	674,648
	Centurylink, Incorporated	Equity	N/A	N/A	18,400	439,392
	Chart Industries, Incorporated	Equity	N/A	N/A	5,867	203,761
	Charter Communications, Inc.	Equity	N/A	N/A	11,367	3,828,974
	Charter Communications, Inc.	Equity	N/A	N/A	100	33,685
	Cheesecake Factory, Incorporated	Equity	N/A	N/A	9,152	460,346
	Cheesecake Factory, Incorporated	Equity	N/A	N/A	45,400	2,283,620
	Chemical Financial Corporation	Equity	N/A	N/A	23,858	1,154,966
	Chemours Company	Equity	N/A	N/A	25,205	955,774
	Chesapeake Utilities Corporation	Equity	N/A	N/A	17,671	1,324,441
	Chevron Corporation	Equity	N/A	N/A	30,314	3,162,660
	Chevron Corporation	Equity	N/A	N/A	20,942	2,184,879
	Chicago Bridge & Iron	Equity	N/A	N/A	27,000	532,710
	Chicos FAS, Incorporated	Equity	N/A	N/A	86,479	814,632
	Chimera Investment Corporation	Equity	N/A	N/A	29,140	542,878
	China Aviation Oil Singapore	Equity	N/A	N/A	259,900	315,383
	China Shineway Pharmaceutica	Equity	N/A	N/A	178,000	180,109
	Chubb Limited	Equity	N/A	N/A	700	101,766
	Chubb Limited	Equity	N/A	N/A	14,746	2,143,773
	Churchill Downs, Incorporated	Equity	N/A	N/A	4,395	805,604
	Churchill Downs, Incorporated	Equity	N/A	N/A	7,856	1,440,005
	Ciena Corporation	Equity	N/A	N/A	29,845	746,722
	Cigna Corporation	Equity	N/A	N/A	13,100	2,192,809
	Cigna Corporation	Equity	N/A	N/A	4,400	736,516
	Circor International, Incorporated	Equity	N/A	N/A	13,783	818,435
	Cisco Systems, Incorporated	Equity	N/A	N/A	63,526	1,988,364
	Cit Group, Incorporated	Equity	N/A	N/A	49,762	2,423,409
	Citic Telecom International	Equity	N/A	N/A	934,000	299,067
	Citigroup, Incorporated	Equity	N/A	N/A	76,188	5,095,453
	Citigroup, Incorporated	Equity	N/A	N/A	10,200	682,176
	Citizens Financial Group	Equity	N/A	N/A	112,387	4,009,968
	Citizens Financial Group	Equity	N/A	N/A	12,800	456,704
	Citizens Financial Group	Equity	N/A	N/A	23,500	838,480
	Citrix Systems, Incorporated	Equity	N/A	N/A	21,680	1,725,294
	Clean Harbors, Incorporated	Equity	N/A	N/A	59,946	3,346,785
	Clean Harbors, Incorporated	Equity	N/A	N/A	12,924	721,547
	Cloudera, Inc.	Equity	N/A	N/A	16,032	256,833
	CLP Holdings Limited	Equity	N/A	N/A	34,500	364,997
	CME Group, Incorporated	Equity	N/A	N/A	3,200	400,768
	CNO Financial Group, Incorporated	Equity	N/A	N/A	30,800	643,104
	CNP Assurances	Equity	N/A	N/A	28,473	639,439
	Coach, Incorporated	Equity	N/A	N/A	11,000	520,740
	Cobiz Financial, Incorporated	Equity	N/A	N/A	105,803	1,840,972
	Coca Cola Amatil Limited	Equity	N/A	N/A	55,195	391,673
	Cocokara Fine Holdings, Inc.	Equity	N/A	N/A	14,000	690,820
	Cognex Corporation	Equity	N/A	N/A	52,000	4,414,800
	Coherent, Incorporated	Equity	N/A	N/A	3,923	882,636
	Colony Starwood Homes	Equity	N/A	N/A	46,904	1,609,276
	Columbia Sportswear Company	Equity	N/A	N/A	25,254	1,466,247

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(e)	
					(d) Cost	Current Value
Columbus McKinnon Corporation	Equity	N/A	N/A	25,236	651,908	641,499
Comcast Corporation	Equity	N/A	N/A	3,800	135,696	147,896
Comcast Corporation	Equity	N/A	N/A	40,173	1,499,499	1,563,533
Commercehub, Inc.	Equity	N/A	N/A	19,286	236,389	336,348
Commercial Metals Company	Equity	N/A	N/A	70,556	1,219,939	1,370,903
Compag Nie De Saint Gobain	Equity	N/A	N/A	24,320	1,273,230	1,299,415
Computacenter PLC	Equity	N/A	N/A	46,500	-	46,500
Conagra Foods, Incorporated	Equity	N/A	N/A	62,086	2,515,009	2,220,195
Concho Resources, Incorporated	Equity	N/A	N/A	25,125	3,236,712	3,053,441
Conformis, Incorporated	Equity	N/A	N/A	72,512	913,575	311,076
Conocophillips	Equity	N/A	N/A	55,105	2,608,218	2,422,416
Conocophillips	Equity	N/A	N/A	25,880	1,387,738	1,137,685
Constellation Brands, Incorporated Class A	Equity	N/A	N/A	10,118	1,532,318	1,960,160
Constellation Brands, Incorporated Class A	Equity	N/A	N/A	2,600	225,369	503,698
Continental AG	Equity	N/A	N/A	6,995	1,390,399	1,442,096
Convergys Corporation	Equity	N/A	N/A	47,655	624,446	1,133,236
Convergys Corporation	Equity	N/A	N/A	39,200	238,656	932,176
Conyers Park Acquisition Cor	Equity	N/A	N/A	49,790	519,052	634,822
Cooper Tire & Rubber Company	Equity	N/A	N/A	15,022	521,412	542,294
Cooper Tire & Rubber Company	Equity	N/A	N/A	24,400	673,942	880,840
Core Laboratories NV	Equity	N/A	N/A	23,800	2,372,657	2,410,226
Core Mark Holding Company, Incorporated	Equity	N/A	N/A	24,236	321,686	801,242
Coresite Realty Corporation	Equity	N/A	N/A	14,902	569,955	1,542,804
Costco Wholesale Corporation	Equity	N/A	N/A	19,649	2,284,589	3,142,465
Costco Wholesale Corporation	Equity	N/A	N/A	200	32,889	31,986
Cott Corporation	Equity	N/A	N/A	49,213	450,030	710,636
Cousins Properties, Incorporated	Equity	N/A	N/A	209,416	1,886,000	1,840,767
Cracker Barrel Old Country	Equity	N/A	N/A	2,290	108,134	383,002
Crane Company	Equity	N/A	N/A	11,300	619,973	896,994
Cray, Inc.	Equity	N/A	N/A	19,444	401,483	357,770
Credicorp LTD	Equity	N/A	N/A	3,330	568,828	597,369
Credit Agricole SA	Equity	N/A	N/A	38,754	1,211,952	623,444
Credit Suisse Group	Equity	N/A	N/A	37,492	1,345,677	545,884
Crest Nicholson Holdings	Equity	N/A	N/A	49,200	430,536	335,463
Cromwell Property Group	Equity	N/A	N/A	298,781	220,852	218,158
Cross Country Healthcare, Inc.	Equity	N/A	N/A	116,838	1,456,104	1,508,379
Crown Castle Int'l Corporation	Equity	N/A	N/A	34,208	3,331,463	3,426,957
CSG Systems International, Incorporated	Equity	N/A	N/A	14,136	443,567	573,639
CSG Systems International, Incorporated	Equity	N/A	N/A	10,343	263,385	419,719
CSL Limited	Equity	N/A	N/A	10,915	750,650	1,157,968
CSR Limited	Equity	N/A	N/A	279,333	908,906	908,159
CSR Limited	Equity	N/A	N/A	91,300	244,165	296,832
CSRA, Incorporated	Equity	N/A	N/A	52,380	1,024,443	1,663,065
CSX Corporation	Equity	N/A	N/A	5,800	308,188	316,448
Ctrip.Com International LTD	Equity	N/A	N/A	26,500	1,108,256	1,427,290
CU Bancorp	Equity	N/A	N/A	2,478	50,131	89,580
Cubesmart	Equity	N/A	N/A	41,856	361,339	1,006,218
Cullen Frost Bankers, Incorporated	Equity	N/A	N/A	23,820	1,388,521	2,236,936
Cummins, Incorporated	Equity	N/A	N/A	17,884	2,826,154	2,901,142
Cummins, Incorporated	Equity	N/A	N/A	6,900	838,844	1,119,318
Cummins, Incorporated	Equity	N/A	N/A	6,126	967,584	993,760
Curtiss Wright Corporation	Equity	N/A	N/A	14,957	1,267,260	1,372,753
CVB Financial Corporation	Equity	N/A	N/A	56,054	608,143	1,257,291
Cyrusone, Inc.	Equity	N/A	N/A	14,956	625,693	833,797

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a) Identity of issuer, borrower, lessor or similar party	(b) Description	(c) Maturity Date	(c) Rate of Interest		(e)	
					(d) Cost	Current Value
Dah Chong Hong Holdings Limited	Equity	N/A	N/A	703,000	420,731	322,347
Dai Nippon Printing Company Limited	Equity	N/A	N/A	21,000	188,910	233,012
Daiichi Sankyo Company Limited	Equity	N/A	N/A	68,600	1,516,462	1,581,230
Daikin Industries Limited	Equity	N/A	N/A	12,800	1,025,598	1,305,321
Daimler AG	Equity	N/A	N/A	17,000	752,322	1,232,670
Dana, Incorporated	Equity	N/A	N/A	128,820	2,699,284	2,876,551
Dana, Incorporated	Equity	N/A	N/A	54,501	1,168,676	1,217,007
Danaher Corporation	Equity	N/A	N/A	46,000	3,627,039	3,881,940
Danaher Corporation	Equity	N/A	N/A	10,947	943,983	923,817
Danone Sedol	Equity	N/A	N/A	16,116	1,087,267	1,211,360
Danske Bank A/S	Equity	N/A	N/A	44,615	1,365,864	1,715,975
Danske Bank A/S	Equity	N/A	N/A	29,100	881,318	1,119,239
Darling Ingredients, Incorporated	Equity	N/A	N/A	37,488	483,382	590,061
DBS Group Holdings Limited	Equity	N/A	N/A	205	2,457	3,088
DBS Group Holdings Limited	Equity	N/A	N/A	79,000	1,056,782	1,190,092
DCM Holdings Company Limited	Equity	N/A	N/A	46,100	414,052	403,721
DDR Corporation	Equity	N/A	N/A	69,300	829,127	628,551
Dean Foods Company	Equity	N/A	N/A	69,465	1,354,885	1,180,905
Deckers Outdoor Corporation	Equity	N/A	N/A	8,653	512,117	590,654
Del Taco Restaurants, Incorporated	Equity	N/A	N/A	46,827	620,733	643,871
Delphi Automotive PLC	Equity	N/A	N/A	28,300	1,543,183	2,480,495
Delphi Automotive PLC	Equity	N/A	N/A	9,000	617,423	788,850
Delta Air Lines, Incorporated	Equity	N/A	N/A	82,473	3,655,578	4,432,099
Delta Air Lines, Incorporated	Equity	N/A	N/A	800	40,496	42,992
Delta Air Lines, Incorporated	Equity	N/A	N/A	28,219	1,377,005	1,516,489
Dentsply Sirona, Inc.	Equity	N/A	N/A	600	36,549	38,904
Deutsche Bank	Equity	N/A	N/A	49,350	2,018,575	877,936
Deutsche Post AG	Equity	N/A	N/A	20,567	701,468	772,255
Deutsche Post AG	Equity	N/A	N/A	35,900	1,137,748	1,347,982
Deutsche Telekom AG	Equity	N/A	N/A	113,782	1,932,539	2,049,412
Deutsche Telekom AG	Equity	N/A	N/A	12,682	209,671	228,425
Deutsche Telekom Rights	Equity	N/A	N/A	18,867	-	21,131
Devon Energy Corporation	Equity	N/A	N/A	15,192	578,250	485,688
Dexus Property Group	Equity	N/A	N/A	105,554	813,692	767,905
DFDS A/S	Equity	N/A	N/A	8,500	370,631	452,917
Diageo PLC	Equity	N/A	N/A	70,939	1,562,518	2,095,979
Diamond Offshore Drilling, Incorporated	Equity	N/A	N/A	31,900	773,196	345,477
D'leteren SA NV	Equity	N/A	N/A	7,000	347,699	327,158
Digi International, Incorporated	Equity	N/A	N/A	35,826	352,701	363,634
Dillard's, Incorporated	Equity	N/A	N/A	11,200	253,844	646,128
Direct Line Insurance Group	Equity	N/A	N/A	317,231	1,399,102	1,468,440
Direct Line Insurance Group	Equity	N/A	N/A	86,716	381,558	401,402
Discover Financial W/I	Equity	N/A	N/A	21,700	748,695	1,349,523
Discover Financial W/I	Equity	N/A	N/A	21,262	1,227,526	1,322,284
Disney Walt Company	Equity	N/A	N/A	50,141	5,288,939	5,327,481
Disney Walt Company	Equity	N/A	N/A	400	42,851	42,500
Disney Walt Company	Equity	N/A	N/A	17,715	1,922,114	1,882,219
Distribuidora Internacional	Equity	N/A	N/A	86,500	501,443	538,538
DNB ASA	Equity	N/A	N/A	81,873	273,181	1,392,539
DNB ASA	Equity	N/A	N/A	106,934	369,322	1,818,790
DNB ASA	Equity	N/A	N/A	47,200	-	802,803
Dolby Laboratories, Incorporated Class A	Equity	N/A	N/A	51,200	1,771,358	2,506,752
Dollar General Corporation	Equity	N/A	N/A	6,500	479,428	468,585
Dominos Pizza Group PLC	Equity	N/A	N/A	56,836	262,004	217,563

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
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				Cost		
Domino's Pizza, Inc.	Equity	N/A	N/A	651	105,199	137,706
Domtar Corporation	Equity	N/A	N/A	16,800	714,288	645,456
Donnelly R R & Sons Company	Equity	N/A	N/A	10,933	574,402	137,100
Donnelley Financial Solutions	Equity	N/A	N/A	26,798	602,298	615,282
Dover Corporation	Equity	N/A	N/A	44,000	2,725,892	3,529,680
DOW Chemical Company	Equity	N/A	N/A	30,982	1,969,836	1,954,035
Downer EDI Limited	Equity	N/A	N/A	245,032	1,054,107	1,207,202
Downer EDI Limited	Equity	N/A	N/A	94,375	511,097	464,958
DR Horton, Incorporated	Equity	N/A	N/A	88,600	2,145,431	3,062,902
Drill-Quip, Incorporated	Equity	N/A	N/A	13,741	801,817	670,561
DST Systems, Incorporated	Equity	N/A	N/A	18,268	800,020	1,127,136
DSW Incorporated, Class A	Equity	N/A	N/A	10,751	252,574	190,293
DTE Energy Company	Equity	N/A	N/A	12,384	999,639	1,310,103
Dupont E I De Nemours & Company	Equity	N/A	N/A	600	48,088	48,426
DXC Technology Company	Equity	N/A	N/A	22,793	507,479	1,748,679
8point3 Energy Partners LP	Equity	N/A	N/A	10,986	173,182	166,218
E*Trade Financial Corporation	Equity	N/A	N/A	17,011	598,072	646,928
East Japan Railway Company	Equity	N/A	N/A	8,200	727,587	783,365
Eastman Chemical Company	Equity	N/A	N/A	33,700	2,733,238	2,830,463
Eastman Chemical Company	Equity	N/A	N/A	22,900	1,397,056	1,923,371
Easyjet PLC	Equity	N/A	N/A	12,600	-	220,374
Ebay, Incorporated	Equity	N/A	N/A	53,538	1,565,349	1,869,547
Edison International	Equity	N/A	N/A	11,187	531,462	874,712
Edison International	Equity	N/A	N/A	17,700	828,961	1,383,963
Edison International	Equity	N/A	N/A	20,230	1,606,424	1,581,784
EDP-Energias De Portugal	Equity	N/A	N/A	49,800	171,159	162,845
Edwards Lifesciences Corporation	Equity	N/A	N/A	148,800	4,905,540	17,594,112
Eizo Nanao Corporation	Equity	N/A	N/A	17,300	463,574	679,849
Electricite De France	Equity	N/A	N/A	16,100	288,115	174,361
Electronic Art	Equity	N/A	N/A	16,700	1,402,480	1,765,524
Elektro AB	Equity	N/A	N/A	93,805	810,826	872,387
Emerald Expositions Events	Equity	N/A	N/A	17,377	320,888	380,556
Emmi AG Luzern	Equity	N/A	N/A	307	166,181	231,154
Empire State Realty Trust, Incorporated	Equity	N/A	N/A	83,612	1,458,842	1,736,621
Employers Holdings, Incorporated	Equity	N/A	N/A	39,081	748,921	1,653,126
Endesa SA	Equity	N/A	N/A	39,237	844,081	903,911
Endologix, Incorporated	Equity	N/A	N/A	92,606	1,262,653	450,065
Enel SPA	Equity	N/A	N/A	42,745	200,722	228,686
Enel SPA	Equity	N/A	N/A	277,500	1,741,696	1,484,625
Energen Corporation	Equity	N/A	N/A	15,740	830,772	777,084
Engie Sedol	Equity	N/A	N/A	27,500	-	418,688
Ennis, Incorporated	Equity	N/A	N/A	22,300	505,692	425,930
Enpro Industries, Inc.	Equity	N/A	N/A	12,582	868,868	897,977
Ensign Group, Inc.	Equity	N/A	N/A	74,509	1,394,239	1,622,061
Entergy Corporation	Equity	N/A	N/A	54,528	3,914,727	4,186,115
Entergy Corporation	Equity	N/A	N/A	22,000	1,547,588	1,688,940
EOG Resources, Incorporated	Equity	N/A	N/A	32,934	3,312,196	2,981,186
EOG Resources, Incorporated	Equity	N/A	N/A	17,596	1,739,590	1,592,790
Epam Systems, Incorporated	Equity	N/A	N/A	20,259	739,845	1,703,579
EPR Properties	Equity	N/A	N/A	40,296	2,222,620	2,896,074
EQT Corporation	Equity	N/A	N/A	98,000	6,786,247	5,741,820
Equifax, Inc.	Equity	N/A	N/A	6,000	793,311	824,520
Equifax, Inc.	Equity	N/A	N/A	1,934	712,534	829,995
Equity Lifestyle Properties REIT	Equity	N/A	N/A	12,076	959,745	1,042,642

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(e)	
					(d) Cost	Current Value
Essilor International	Equity	N/A	N/A	8,678	632,750	1,104,152
Esterline Technologies Corporation	Equity	N/A	N/A	10,162	696,435	963,358
Ethan Allen Interiors, Incorporated	Equity	N/A	N/A	15,400	420,149	497,420
Ethan Allen Interiors, Incorporated	Equity	N/A	N/A	138,138	4,267,060	4,461,857
Euronet Worldwide, Incorporated	Equity	N/A	N/A	15,217	270,371	1,329,509
Evercore Partners, Incorporated Class A	Equity	N/A	N/A	14,969	775,721	1,055,315
Evercore Partners, Incorporated Class A	Equity	N/A	N/A	3,565	249,845	251,332
Everest RE Group Limited	Equity	N/A	N/A	7,522	1,061,278	1,915,026
Everest RE Group Limited	Equity	N/A	N/A	6,200	765,830	1,578,458
Evonik Industries AG	Equity	N/A	N/A	23,354	764,181	750,130
Evonik Industries AG	Equity	N/A	N/A	15,600	532,097	501,072
EW Scripps Company Class A	Equity	N/A	N/A	39,784	650,341	708,553
Exelon Corporation	Equity	N/A	N/A	84,063	2,940,699	3,032,152
Exlservice Holdings, Incorporated	Equity	N/A	N/A	38,619	1,263,467	2,146,444
Expedia, Inc.	Equity	N/A	N/A	16,473	1,974,422	2,453,653
Extraction Oil & Gas LLC	Equity	N/A	N/A	96,886	1,708,240	1,303,117
Exxon Mobil Corporation	Equity	N/A	N/A	132,873	11,291,580	10,726,837
Exxon Mobil Corporation	Equity	N/A	N/A	20,991	1,737,574	1,694,603
Fabrinet Isin	Equity	N/A	N/A	1,592	28,728	67,915
Facebook, Incorporated Class A	Equity	N/A	N/A	81,620	5,481,470	12,322,988
Facebook, Incorporated Class A	Equity	N/A	N/A	89,900	7,702,186	13,573,102
Factset Resh Systems, Incorporated	Equity	N/A	N/A	44,200	4,387,099	7,345,156
Farmer Brothers Company	Equity	N/A	N/A	91,753	3,096,752	2,775,528
Federal Agricultural Mortgage Corp	Equity	N/A	N/A	10,914	367,934	706,136
Fedex Corporation	Equity	N/A	N/A	500	98,925	108,665
Ferrari NV	Equity	N/A	N/A	7,900	464,751	679,558
Ferro Corporation	Equity	N/A	N/A	73,156	532,659	1,338,023
Ferroglobe PLC	Equity	N/A	N/A	24,915	265,215	297,734
Ferroglobe Unit Restricted	Equity	N/A	N/A	74,886	1	75
Fidelity National Information	Equity	N/A	N/A	15,422	1,160,335	1,317,039
Fidelity Southern Corporation	Equity	N/A	N/A	15,987	294,202	365,463
Fifth Third Bancorp	Equity	N/A	N/A	95,709	1,870,253	2,484,606
Fifth Third Bancorp	Equity	N/A	N/A	61,200	758,118	1,588,752
Financial Engines, Incorporated	Equity	N/A	N/A	50,731	1,994,397	1,856,755
Finisar Corporation	Equity	N/A	N/A	4,951	170,367	128,627
First American Financial	Equity	N/A	N/A	15,254	634,636	681,701
First Business Financial Services, Inc.	Equity	N/A	N/A	9,538	227,880	220,137
First Cash, Incorporated	Equity	N/A	N/A	30,338	1,493,130	1,768,705
First Financial Bancorp	Equity	N/A	N/A	56,541	862,770	1,566,186
First Financial Bankshares, Incorporated	Equity	N/A	N/A	16,804	361,972	742,737
First Republic Bank	Equity	N/A	N/A	11,192	1,044,927	1,120,319
Firstenergy Corporation	Equity	N/A	N/A	64,400	2,129,286	1,877,904
Firstgroup PLC	Equity	N/A	N/A	100,500	568,892	164,537
Fiserv, Incorporated	Equity	N/A	N/A	22,200	2,404,982	2,715,948
Five Below	Equity	N/A	N/A	15,355	577,847	758,076
Five Point Holdings, LLC	Equity	N/A	N/A	81,807	1,176,761	1,207,471
Fiveprime Therapeutics, Incorporated	Equity	N/A	N/A	12,322	239,517	371,015
Fleetcor Technologies, Incorporated	Equity	N/A	N/A	23,423	3,271,922	3,377,831
Fleetcor Technologies, Incorporated	Equity	N/A	N/A	2,300	337,481	331,683
Fletcher Building Limited	Equity	N/A	N/A	73,200	375,396	428,590
Flex Limited	Equity	N/A	N/A	38,400	414,785	626,304
FNB Corporation	Equity	N/A	N/A	177,945	2,697,331	2,519,701
FNF Group W/I	Equity	N/A	N/A	93,147	2,908,094	4,175,780
FNFV Group W/I	Equity	N/A	N/A	60,661	591,055	958,444

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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Foot Locker, Incorporated	Equity	N/A	N/A	15,000	296,881	739,200
Foot Locker, Incorporated	Equity	N/A	N/A	9,649	698,998	475,503
Form Factor, Incorporated	Equity	N/A	N/A	16,627	158,375	206,175
Forteschue Metal Group LTD	Equity	N/A	N/A	121,200	524,484	486,264
Fortive Corporation	Equity	N/A	N/A	31,200	1,724,355	1,976,520
Fox Factory Holding Corporation	Equity	N/A	N/A	15,096	240,285	537,418
Franklin Street Properties	Equity	N/A	N/A	82,300	928,005	911,884
Fresenius Medical Care Sedol	Equity	N/A	N/A	14,629	1,232,213	1,409,449
Fresenius SE & CO KGAA	Equity	N/A	N/A	6,551	-	562,964
Fresh Del Monte Produce, Inc.	Equity	N/A	N/A	12,102	622,341	616,113
Fujitec Company Limited	Equity	N/A	N/A	33,800	340,392	440,850
Fujitsu Limited	Equity	N/A	N/A	216,000	1,100,918	1,589,728
G1 Therapeutics, Inc.	Equity	N/A	N/A	7,500	112,500	130,800
Gamestop Corporation Class A	Equity	N/A	N/A	14,400	379,011	311,184
Gaming And Leisure Properties	Equity	N/A	N/A	50,557	1,838,227	1,904,482
Gannett Spingo, Incorporated	Equity	N/A	N/A	13,500	135,175	117,720
Garmin Limited	Equity	N/A	N/A	104,500	4,046,429	5,332,635
Gas Natural SDG SA	Equity	N/A	N/A	44,800	902,479	1,048,441
Gatx Corporation	Equity	N/A	N/A	10,400	507,727	668,408
Gea Group AF	Equity	N/A	N/A	23,171	724,600	953,553
Geberit Sedol	Equity	N/A	N/A	503	172,666	234,583
Generac Holdings, Incorporated	Equity	N/A	N/A	11,745	437,940	424,347
General Dynamics Corporation	Equity	N/A	N/A	100	18,405	19,810
General Motors Company	Equity	N/A	N/A	85,658	3,065,573	2,992,034
Genesco, Incorporated	Equity	N/A	N/A	14,935	604,327	506,297
Genesee & Wyoming Inc	Equity	N/A	N/A	11,823	636,369	808,575
Gentex Corporation	Equity	N/A	N/A	302,200	3,466,142	5,732,734
Gentherm, Inc.	Equity	N/A	N/A	73,100	2,689,415	2,836,280
Genworth Financial, Incorporated Class A	Equity	N/A	N/A	37,000	1,103,821	139,490
Genworth Mortgage Insurance	Equity	N/A	N/A	142,800	-	321,584
George Fischer Limited	Equity	N/A	N/A	800	291,159	774,638
Getty Realty Corporation	Equity	N/A	N/A	20,669	473,613	518,792
Gigamon, Inc.	Equity	N/A	N/A	76,100	2,683,559	2,994,535
Gilead Sciences, Incorporated	Equity	N/A	N/A	28,040	2,468,136	1,984,671
GKN PLC	Equity	N/A	N/A	78,700	337,040	333,736
Glaxosmithkline PLC	Equity	N/A	N/A	10,800	219,689	227,470
Glaxosmithkline PLC	Equity	N/A	N/A	69,000	1,531,073	1,453,278
Global Blood Therapeutics, Incorporated	Equity	N/A	N/A	15,564	288,566	425,675
Global Payments, Incorporated	Equity	N/A	N/A	6,500	519,984	587,080
Globant SA	Equity	N/A	N/A	22,605	591,969	981,961
Globus Medical, Incorporated	Equity	N/A	N/A	55,421	958,674	1,837,206
Glycomimetics, Incorporated	Equity	N/A	N/A	35,456	303,358	395,689
Go Ahead Group PLC	Equity	N/A	N/A	14,700	307,129	336,780
Goldcorp, Incorporated	Equity	N/A	N/A	45,859	850,200	592,040
Goldman Sachs Group, Incorporated	Equity	N/A	N/A	20,939	3,597,944	4,646,364
Goldman Sachs Group, Incorporated	Equity	N/A	N/A	200	48,434	44,380
Goodyear Tire & Rubber Company	Equity	N/A	N/A	36,300	1,147,909	1,269,048
Government Properties Income REIT	Equity	N/A	N/A	26,400	593,652	483,384
GPT Group	Equity	N/A	N/A	68,145	265,448	250,881
Graco, Incorporated	Equity	N/A	N/A	32,800	2,082,394	3,584,384
Grand Canyon Education, Inc.	Equity	N/A	N/A	2,081	162,634	163,171
Granges AB	Equity	N/A	N/A	49,600	391,007	456,277
Granite Construction, Incorporated	Equity	N/A	N/A	25,967	1,332,506	1,252,648
Gray Television, Inc.	Equity	N/A	N/A	29,465	397,763	403,671

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

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				Cost		
Great Plains Energy, Incorporated	Equity	N/A	N/A	162,100	3,882,969	4,746,288
Group 1 Automotive, Incorporated	Equity	N/A	N/A	5,400	468,822	341,928
Groupon, Inc.	Equity	N/A	N/A	80,100	294,705	307,584
Grubhub, Inc.	Equity	N/A	N/A	19,240	709,533	838,864
Grupo Financiero Banorte	Equity	N/A	N/A	66,402	383,732	421,307
GTY Technology Holdings, Inc.	Equity	N/A	N/A	11,438	114,380	120,313
Gulfport Energy Corporation	Equity	N/A	N/A	24,014	567,669	354,207
H3 Contingent Value Rights	Equity	N/A	N/A	123,900	-	123,900
Halliburton Company	Equity	N/A	N/A	100,492	4,636,202	4,292,013
Halliburton Company	Equity	N/A	N/A	19,306	1,037,047	824,559
Halyard Health, Incorporated	Equity	N/A	N/A	20,451	820,505	803,315
Hannon Armstrong Sustainable	Equity	N/A	N/A	23,404	458,479	535,249
Hanwa Company	Equity	N/A	N/A	24,000	169,076	171,558
Harley Davidson, Incorporated	Equity	N/A	N/A	9,500	426,784	513,190
Harvey Norman Holdings LTD	Equity	N/A	N/A	95,700	338,376	280,979
Harris Corporation	Equity	N/A	N/A	1,200	131,999	130,896
Hartford Financial Services Group, Incorporated	Equity	N/A	N/A	32,000	888,029	1,682,240
Hawaiian Holdings, Incorporated	Equity	N/A	N/A	33,578	1,454,780	1,576,487
Haynes International, Incorporated	Equity	N/A	N/A	16,486	672,374	598,607
HDFC Bank Limited	Equity	N/A	N/A	13,120	825,467	1,141,046
Health Insurance Innovations	Equity	N/A	N/A	10,254	224,062	240,969
Heidelbergcement AG	Equity	N/A	N/A	11,748	815,914	1,139,041
Heiwa Corporation	Equity	N/A	N/A	10,500	218,337	233,852
Heiwa Corporation	Equity	N/A	N/A	21,500	367,960	478,840
Heiwado Company	Equity	N/A	N/A	7,600	167,380	162,372
Heiwado Company	Equity	N/A	N/A	17,500	351,204	373,883
Helen Of Troy Limited	Equity	N/A	N/A	9,736	883,304	916,158
Helvetia Holding AG	Equity	N/A	N/A	2,100	-	1,201,220
Hercules Capital, Inc.	Mutual Fund	N/A	N/A	29,959	386,594	396,657
Heritage Crystal Clean, Incorporated	Equity	N/A	N/A	7,605	89,625	120,920
Hersha Hospitality Trust Reit	Equity	N/A	N/A	25,763	585,900	476,873
The Hershey Company	Equity	N/A	N/A	10,931	1,184,409	1,173,661
Hewlett Packard Enterprise Company	Equity	N/A	N/A	47,489	802,832	787,843
Highwoods Properties, Inc.	Equity	N/A	N/A	13,839	720,067	701,776
Hill-Rom Holdings, Inc.	Equity	N/A	N/A	7,760	511,530	617,774
Hilltop Holdings, Incorporated	Equity	N/A	N/A	35,539	747,315	931,477
Hilton Worldwide Holdings	Equity	N/A	N/A	16,833	958,738	1,041,121
Hitachi Limited	Equity	N/A	N/A	47,000	206,749	288,080
HKT Trust & HKT LTD	Equity	N/A	N/A	220,000	285,740	281,600
Home Bancshares, Incorporated	Equity	N/A	N/A	40,799	752,033	1,015,895
Home Depot, Incorporated	Equity	N/A	N/A	33,296	4,696,698	5,107,606
Home Depot, Incorporated	Equity	N/A	N/A	21,600	2,510,613	3,313,440
Home Depot, Incorporated	Equity	N/A	N/A	6,546	971,886	1,004,156
Honda Motor Company Limited	Equity	N/A	N/A	46,900	1,532,364	1,278,259
Honeywell International, Incorporated	Equity	N/A	N/A	9,100	1,153,683	1,212,939
Hong Leong Asia Limited	Equity	N/A	N/A	205,000	521,767	163,047
Hooker Furniture Corporation	Equity	N/A	N/A	5,246	226,451	215,873
Horizon Bancorp Indiana	Equity	N/A	N/A	28,508	498,677	751,186
Horizon Global Corporation	Equity	N/A	N/A	44,977	601,994	645,870
Hospitality Properties Trust	Equity	N/A	N/A	77,532	2,316,719	2,260,058
Hospitality Properties Trust	Equity	N/A	N/A	52,200	1,673,607	1,521,630
Host Hotels & Resorts, Incorporated	Equity	N/A	N/A	109,574	1,944,613	2,001,917
Hostess Brands, Inc.	Equity	N/A	N/A	167,413	2,123,526	2,695,349
Houghton Mifflin Harcourt Company	Equity	N/A	N/A	61,186	902,580	752,588

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
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Hoya Corporation	Equity	N/A	N/A	4,600	185,698	238,558
HP, Inc.	Equity	N/A	N/A	76,043	1,162,432	1,329,232
HSBC Holdings PLC	Equity	N/A	N/A	26,484	218,477	241,004
HSN, Incorporated	Equity	N/A	N/A	8,815	237,871	281,199
HRG Group, Incorporated	Equity	N/A	N/A	32,047	434,263	567,552
Hubspot, Incorporated	Equity	N/A	N/A	17,978	882,368	1,182,053
Hudson Pacific Properties REITS	Equity	N/A	N/A	39,440	1,352,290	1,348,454
Humana, Inc.	Equity	N/A	N/A	10,500	2,141,204	2,526,510
Huntington Bancshares, Incorporated	Equity	N/A	N/A	104,030	1,483,936	1,406,486
Huntington Ingalls Industries, Incorporated	Equity	N/A	N/A	5,900	655,437	1,098,344
Huntsman Corporation	Equity	N/A	N/A	47,000	719,083	1,214,480
Huron Consulting Group, Incorporated	Equity	N/A	N/A	27,210	1,024,422	1,175,472
Hyster-Yale Materials Class A	Equity	N/A	N/A	9,400	284,423	660,350
Iac / Interactivcorp W/I	Equity	N/A	N/A	9,365	539,609	966,843
Iberdrola SA	Equity	N/A	N/A	124,501	871,417	996,008
Iberdrola SA	Equity	N/A	N/A	105,100	726,835	840,800
Iberibank Corporation	Equity	N/A	N/A	44,534	3,209,930	3,629,521
Iberibank Corporation	Equity	N/A	N/A	15,706	824,125	1,280,039
Idorsia LTD	Equity	N/A	N/A	806	9,938	15,214
IHS Markit LTD	Equity	N/A	N/A	58,741	1,931,404	2,586,954
IHS Markit LTD	Equity	N/A	N/A	12,282	458,762	540,899
II-VI, Inc.	Equity	N/A	N/A	25,528	523,465	875,610
Illumina, Incorporated	Equity	N/A	N/A	19,469	3,289,859	3,378,261
Illumina, Incorporated	Equity	N/A	N/A	617	92,119	107,062
Immofinanz AG	Equity	N/A	N/A	715	8,079	1,634
Imperial Brands PLC	Equity	N/A	N/A	5,115	-	230,686
Implenia AG	Equity	N/A	N/A	4,300	258,564	321,973
Indivior PLC	Equity	N/A	N/A	34,500	80,144	140,511
Industria De Diseno Textil	Equity	N/A	N/A	33,279	-	1,257,946
Industria De Diseno Textil	Equity	N/A	N/A	197,211	3,084,235	3,796,312
Ing Groep NV	Equity	N/A	N/A	122,076	1,807,744	2,106,200
Ing Groep NV	Equity	N/A	N/A	53,400	782,546	921,320
Ingevity Corporation	Equity	N/A	N/A	20,374	1,157,637	1,169,468
Ingevity Corporation	Equity	N/A	N/A	10,260	598,352	588,924
Ingredion, Incorporated	Equity	N/A	N/A	16,481	1,729,728	1,964,700
Insperty, Incorporated	Equity	N/A	N/A	11,802	757,154	837,942
Installed Building Products	Equity	N/A	N/A	5,158	277,362	273,116
Integrated Device Technology, Incorporated	Equity	N/A	N/A	43,867	1,124,112	1,131,330
Intel Corporation	Equity	N/A	N/A	74,807	2,451,272	2,523,988
Intel Corporation	Equity	N/A	N/A	18,851	672,370	636,033
Intercontinental Exchange, Incorporated	Equity	N/A	N/A	49,600	2,447,066	3,269,632
Intersect Ent, Incorporated	Equity	N/A	N/A	30,049	471,427	839,870
Intesa San Paolo	Equity	N/A	N/A	615,015	1,638,629	1,918,847
Intuit Software	Equity	N/A	N/A	13,323	1,296,565	1,769,428
Intuit Software	Equity	N/A	N/A	75,700	4,383,246	10,053,717
Intuit Software	Equity	N/A	N/A	11,400	1,396,724	1,514,034
Intuitive Surgical, Incorporated	Equity	N/A	N/A	8,999	4,044,720	8,417,395
Intuitive Surgical, Incorporated	Equity	N/A	N/A	4,070	2,369,151	3,806,956
Investment Technology Group, Incorporated	Equity	N/A	N/A	55,388	1,020,751	1,176,441
Inwido AB	Equity	N/A	N/A	25,000	356,382	351,645
Israel Discount Bank	Equity	N/A	N/A	226,720	389,840	597,797
Istar, Inc.	Equity	N/A	N/A	52,953	632,105	637,554
Isuzu Motors Limited	Equity	N/A	N/A	41,600	582,552	504,608
Itochu Corporation	Equity	N/A	N/A	12,600	153,940	186,970

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

Plan No. 001

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(d) Cost		(e) Current Value
Itron, Inc.	Equity	N/A	N/A	23,130	1,334,566		1,567,057
J & J Snack Foods Corporation	Equity	N/A	N/A	2,233	61,927		294,912
J2 Global, Incorporated	Equity	N/A	N/A	9,121	695,193		776,106
Jabil, Inc.	Equity	N/A	N/A	49,343	1,419,722		1,440,322
Jack In the Box, Incorporated	Equity	N/A	N/A	15,916	1,366,808		1,567,726
Jamba, Incorporated	Equity	N/A	N/A	138,213	1,904,051		1,076,679
James River Group Holdings Limited	Equity	N/A	N/A	14,157	323,188		562,458
Japan Airlines Company Limited	Equity	N/A	N/A	21,300	716,853		657,890
Jardine Matheson Holdings Limited	Equity	N/A	N/A	2,200	142,396		139,370
Jardine Strategic Holdings Limited	Equity	N/A	N/A	36,977	482,699		1,541,571
Jazz Pharmaceuticals PLC	Equity	N/A	N/A	4,700	718,135		730,850
JD Sports Fashion PLC	Equity	N/A	N/A	39,536	134,220		179,999
Jeld-Wen Holding, Inc.	Equity	N/A	N/A	29,807	929,929		967,535
Jetblue Airways	Equity	N/A	N/A	284,100	1,775,660		6,486,003
Jiangnan Group Limited	Equity	N/A	N/A	1,181,000	379,040		102,853
JM AB	Equity	N/A	N/A	9,425	343,796		333,198
John Bean Technology	Equity	N/A	N/A	12,761	278,921		1,250,578
Johnson Controls Int'l, Inc.	Equity	N/A	N/A	700	32,183		30,352
Johnson & Johnson	Equity	N/A	N/A	91,843	9,038,014		12,149,910
Johnson & Johnson	Equity	N/A	N/A	11,351	1,162,491		1,501,624
Jounce Therapeutics, Inc.	Equity	N/A	N/A	18,324	331,587		257,086
JP Morgan Chase & Company	Equity	N/A	N/A	104,532	5,712,526		9,554,225
JP Morgan Chase & Company	Equity	N/A	N/A	29,062	2,313,121		2,656,267
JP Morgan Chase & Company	Equity	N/A	N/A	24,400	2,111,456		2,230,160
JP Morgan Chase & Company	Equity	N/A	N/A	43,078	2,185,919		3,937,329
Juniper Networks, Inc.	Equity	N/A	N/A	24,700	683,328		688,636
JX Holdings, Incorporated	Equity	N/A	N/A	38,100	156,090		166,220
Kaiser Aluminum Corporation	Equity	N/A	N/A	9,317	750,166		824,741
Kaken Pharmaceutical	Equity	N/A	N/A	11,400	614,454		621,311
Kar Auction Services, Incorporated	Equity	N/A	N/A	29,351	478,618		1,231,861
Karyopharm Therapeutics, Inc.	Equity	N/A	N/A	34,380	314,515		311,139
KBC Groep NV	Equity	N/A	N/A	7,807	488,182		592,164
KBC Groep NV	Equity	N/A	N/A	3,073	162,373		233,088
KDDI Corporation	Equity	N/A	N/A	76,700	1,786,203		2,024,880
KDDI Corporation	Equity	N/A	N/A	15,500	361,531		409,200
KDDI Corporation	Equity	N/A	N/A	47,200	845,802		1,246,080
Keiyo Bank Limited	Equity	N/A	N/A	74,000	395,796		319,751
Keller Group PLC	Equity	N/A	N/A	42,000	471,996		480,294
Kemper Corporation	Equity	N/A	N/A	24,586	930,183		949,020
Kennedy Wilson Holdings, Incorporated	Equity	N/A	N/A	93,151	1,974,443		1,774,527
Kerry Group PLC	Equity	N/A	N/A	13,397	944,820		1,180,061
Keycorp New	Equity	N/A	N/A	68,600	1,045,476		1,285,564
Keyence Corporation	Equity	N/A	N/A	3,500	908,377		1,547,875
Keysight Technologies, Incorporated	Equity	N/A	N/A	73,751	2,519,406		2,871,126
Kimball Electronics, Incorporated	Equity	N/A	N/A	13,494	164,072		243,567
Kimball International, Incorporated	Equity	N/A	N/A	28,790	274,053		480,505
Kinder Morgan, Inc.	Equity	N/A	N/A	3,700	74,549		70,892
Kingboard Chemicals Holdings	Equity	N/A	N/A	133,000	527,923		529,788
Kingfisher PLC	Equity	N/A	N/A	156,730	664,203		617,516
Kingfisher PLC	Equity	N/A	N/A	187,500	844,247		738,750
Kirby Corporation	Equity	N/A	N/A	6,004	343,851		401,367
KLA Tencor Corporation	Equity	N/A	N/A	5,200	490,668		475,852
Knight Transportation, Incorporated	Equity	N/A	N/A	45,223	1,360,986		1,675,512
Knoll, Incorporated	Equity	N/A	N/A	16,010	296,717		321,000

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a)	(b)				(d)	(e)	
	Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest	Cost	Current Value	
	Kohls Corporation	Equity	N/A	N/A	29,800	1,424,682	1,152,366
	Kone OYJ-B	Equity	N/A	N/A	4,475	226,848	230,015
	Koninklijke Ahold NV	Equity	N/A	N/A	73,141	285,356	1,383,096
	Koninklijke Ahold NV	Equity	N/A	N/A	23,600	344,332	446,276
	Koninklijke Philips NV	Equity	N/A	N/A	22,400	17,835	795,850
	Konoike Transport Company Limited	Equity	N/A	N/A	26,500	335,470	360,951
	Korn Ferry International	Equity	N/A	N/A	32,902	834,652	1,136,106
	Kroger Company	Equity	N/A	N/A	20,400	237,291	475,728
	Kroger Company	Equity	N/A	N/A	24,812	737,437	578,616
	Kubota Corporation	Equity	N/A	N/A	97,500	1,473,632	1,636,196
	Kulicke & Soffa Industries, Incorporated	Equity	N/A	N/A	36,200	434,182	688,524
	Kyorin Company Limited	Equity	N/A	N/A	32,000	495,527	708,993
	Kyowa Exeo Corporation	Equity	N/A	N/A	30,000	272,856	503,845
	L Brands, Incorporated	Equity	N/A	N/A	138,700	7,128,784	7,474,543
	Laboratory Corporation of America Holdings	Equity	N/A	N/A	6,600	659,908	1,017,324
	Lakeland Bancorp, Incorporated	Equity	N/A	N/A	117,318	1,377,261	2,211,444
	Lam Research Corporation	Equity	N/A	N/A	5,963	839,732	843,347
	Lam Research Corporation	Equity	N/A	N/A	14,300	1,582,281	2,022,449
	Lamar Advertising Company	Equity	N/A	N/A	50,968	2,872,151	3,749,716
	Landstar System Holdings Inc	Equity	N/A	N/A	66,500	3,508,648	5,692,400
	Lannett, Incorporated	Equity	N/A	N/A	10,500	673,035	214,200
	Laredo Petroleum, Incorporated	Equity	N/A	N/A	31,306	385,690	329,339
	Lasalle Hotel Properties REIT	Equity	N/A	N/A	92,485	2,330,123	2,756,053
	Lasalle Hotel Properties REIT	Equity	N/A	N/A	65,089	1,909,110	1,939,652
	Lazard Limited Class A	Equity	N/A	N/A	23,818	1,039,765	1,103,488
	LCI Industries	Equity	N/A	N/A	10,274	963,442	1,052,058
	Lear Corporation	Equity	N/A	N/A	24,778	2,426,831	3,520,458
	Lear Corporation	Equity	N/A	N/A	7,400	572,364	1,051,392
	Lee & Man Paper Manufacturing	Equity	N/A	N/A	530,000	304,940	492,158
	Legacytexas Financial Group	Equity	N/A	N/A	16,267	446,385	620,261
	Lend Lease Group	Equity	N/A	N/A	66,000	608,755	844,612
	Leonardo SPA	Equity	N/A	N/A	36,200	-	601,583
	Leucadia National Corporation	Equity	N/A	N/A	12,783	323,938	334,403
	Lexington Realty Trust	Equity	N/A	N/A	93,500	668,744	926,585
	Liberty Expedia Holdings	Equity	N/A	N/A	11,650	364,581	629,333
	Liberty Media Corporation	Equity	N/A	N/A	24,387	798,833	1,275,196
	Liberty Braves Group	Equity	N/A	N/A	74,747	1,311,101	1,791,686
	Lilly Eli & Company	Equity	N/A	N/A	24,774	2,075,275	2,038,900
	Lilly Eli & Company	Equity	N/A	N/A	13,642	1,140,799	1,122,737
	Lincoln National Corporation	Equity	N/A	N/A	45,748	2,327,008	3,091,650
	Lincoln National Corporation	Equity	N/A	N/A	22,900	1,100,193	1,547,582
	Lindblad Expeditions Holdings	Equity	N/A	N/A	133,219	1,337,229	1,398,799
	Linde AGE	Equity	N/A	N/A	9,004	1,546,087	1,710,760
	Link REIT	Equity	N/A	N/A	220,500	1,568,267	1,677,643
	Littelfuse, Incorporated	Equity	N/A	N/A	12,400	619,708	2,046,000
	Lloyds Banking Group PLC	Equity	N/A	N/A	2,619,337	3,071,092	2,305,017
	Lloyds Banking Group PLC	Equity	N/A	N/A	2,466,064	2,891,386	2,170,136
	Lonza AG	Equity	N/A	N/A	8,672	771,067	1,874,758
	Lonza AG	Equity	N/A	N/A	8,839	1,557,199	1,910,861
	Louisiana Pacific Corporation	Equity	N/A	N/A	40,019	647,114	964,858
	Louisiana Pacific Corporation	Equity	N/A	N/A	33,920	792,374	817,811
	Lowes Companies, Incorporated	Equity	N/A	N/A	9,800	723,797	759,794
	Loxo Oncology, Incorporated	Equity	N/A	N/A	17,440	383,349	1,398,514
	LSC Communications, Inc.	Equity	N/A	N/A	27,669	732,320	592,117

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest, collateral, par or maturity value					(e)	
(a)	(b)				(d)	
Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value
LSC Communications, Inc.	Equity	N/A	N/A	4,100	318,468	87,740
Lumentum Holdings, Inc.	Equity	N/A	N/A	21,295	1,186,558	1,214,880
LVMH Moët Hennessy Louis Vuitton	Equity	N/A	N/A	6,974	1,419,758	1,746,952
Lyondellbasell Industries NV	Equity	N/A	N/A	41,267	3,549,806	3,482,522
Lyondellbasell Industries NV	Equity	N/A	N/A	6,412	589,896	541,109
Mack Cali Realty Corporation	Equity	N/A	N/A	44,794	1,064,572	1,215,709
Mack Cali Realty Corporation	Equity	N/A	N/A	29,100	578,319	789,774
Macom Technology Solutions Holdings	Equity	N/A	N/A	21,208	842,050	1,182,770
Macquarie Group Limited	Equity	N/A	N/A	3,400	-	231,337
Macquarie Group Limited	Equity	N/A	N/A	12,700	-	864,112
Macy's, Incorporated	Equity	N/A	N/A	12,800	736,735	297,472
Madden Steven Limited	Equity	N/A	N/A	40,131	1,264,490	1,603,233
Magna International	Equity	N/A	N/A	4,627	208,018	214,369
Mallinckrodt PLC	Equity	N/A	N/A	9,615	433,174	430,848
Man Group PLC	Equity	N/A	N/A	328,049	-	672,500
Man Group PLC	Equity	N/A	N/A	207,900	-	426,195
Manpower Group, Inc.	Equity	N/A	N/A	31,837	3,137,835	3,554,601
Manpower Group, Inc.	Equity	N/A	N/A	13,200	1,287,932	1,473,780
Mantech International Corporation	Equity	N/A	N/A	15,040	535,798	622,355
Mapfre SA	Equity	N/A	N/A	227,802	790,104	795,644
Marathon Petroleum Corporation	Equity	N/A	N/A	73,452	3,732,981	3,843,743
Marathon Petroleum Corporation	Equity	N/A	N/A	12,000	289,222	627,960
Marks and Spencer Group PLC	Equity	N/A	N/A	139,600	590,972	606,015
Marriott International, Incorporated Class A	Equity	N/A	N/A	55,801	3,649,934	5,597,398
Marriott International, Incorporated Class A	Equity	N/A	N/A	19,400	1,693,334	1,946,014
Marriott Vacations Worldwide Corporation	Equity	N/A	N/A	11,177	307,519	1,316,092
Marsh & McLennan	Equity	N/A	N/A	9,900	680,977	771,804
Marubeni Corporation	Equity	N/A	N/A	137,400	837,568	886,641
Marubeni Corporation	Equity	N/A	N/A	128,000	605,214	825,983
Marvell Technology Group	Equity	N/A	N/A	172,200	2,195,891	2,844,744
Masco Corporation	Equity	N/A	N/A	70,343	2,610,177	2,687,806
Masonite International Corporation	Equity	N/A	N/A	9,912	584,862	748,356
Masonite International Corporation	Equity	N/A	N/A	10,913	576,938	823,931
Mastercard, Incorporated Class A	Equity	N/A	N/A	74,775	5,687,422	9,081,424
Mastercard, Incorporated Class A	Equity	N/A	N/A	55,728	5,790,623	6,768,166
Matador Resources Company	Equity	N/A	N/A	10,617	260,395	226,885
Matahari Department Store	Equity	N/A	N/A	509,500	509,679	541,899
Matsumotokiyoshi Holdings LTD	Equity	N/A	N/A	8,200	413,780	465,863
Maxlinear, Incorporated Class A	Equity	N/A	N/A	17,987	339,877	501,657
MB Financial, Incorporated	Equity	N/A	N/A	74,472	2,566,800	3,279,747
MBIA, Inc.	Equity	N/A	N/A	111,677	956,593	1,053,114
MCBC Holdings, Incorporated	Equity	N/A	N/A	87,885	1,098,144	1,718,152
MC Dermott International, Inc.	Equity	N/A	N/A	88,000	457,170	630,960
McDonald's Corporation	Equity	N/A	N/A	3,800	564,662	582,008
McKesson Corporation	Equity	N/A	N/A	6,433	1,017,385	1,058,486
Medidata Solutions, Incorporated	Equity	N/A	N/A	4,350	146,063	340,170
Mednax, Incorporated	Equity	N/A	N/A	72,349	4,936,814	4,367,709
Medtronic PLC	Equity	N/A	N/A	16,518	1,279,061	1,465,972
Meggitt PLC	Equity	N/A	N/A	60,000	322,889	372,685
Mellanox Technologies Limited	Equity	N/A	N/A	21,307	916,122	922,593
Mercadolibre, Inc.	Equity	N/A	N/A	100	24,200	25,088
Merck & Company, Incorporated	Equity	N/A	N/A	122,334	7,573,101	7,840,386
Merck & Company, Incorporated	Equity	N/A	N/A	9,800	613,826	628,082
Merck Contingent Value Rights	Equity	N/A	N/A	123,900	-	123,900

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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				Cost		
Meritor, Incorporated	Equity	N/A	N/A	59,800	612,043	993,278
Mersana Therapeutics, Inc.	Equity	N/A	N/A	24,600	365,221	343,662
Metcash Limited	Equity	N/A	N/A	257,700	691,031	475,361
Methode Electronics, Incorporated	Equity	N/A	N/A	15,761	321,331	649,353
Metlife, Inc.	Equity	N/A	N/A	12,894	694,353	708,396
Metro AG	Equity	N/A	N/A	31,532	1,000,438	1,064,997
Metro AG	Equity	N/A	N/A	23,000	704,483	776,828
MFA Financial, Incorporated	Equity	N/A	N/A	202,800	1,555,059	1,701,492
MFA Financial, Incorporated	Equity	N/A	N/A	82,800	674,269	694,692
MGIC Investment Corporation	Equity	N/A	N/A	312,069	2,447,323	3,495,173
MGIC Investment Corporation	Equity	N/A	N/A	87,000	944,306	974,400
MGIC Investment Corporation	Equity	N/A	N/A	47,500	452,954	532,000
MGM Resorts International	Equity	N/A	N/A	31,811	916,736	995,366
MGM Growth Properties LLC-A	Equity	N/A	N/A	55,800	1,402,462	1,628,802
M/I Homes, Inc.	Equity	N/A	N/A	9,826	280,544	280,532
Michael Kors Holdings Limited	Equity	N/A	N/A	26,761	1,069,860	970,086
Michelin	Equity	N/A	N/A	7,335	-	975,163
Michelin	Equity	N/A	N/A	4,100	-	545,081
Microchip Technology, Incorporated	Equity	N/A	N/A	66,500	2,520,330	5,132,470
Microchip Technology, Incorporated	Equity	N/A	N/A	9,800	720,701	756,364
Microsemi Corporation	Equity	N/A	N/A	15,380	639,970	719,784
Microsoft Corporation	Equity	N/A	N/A	56,377	2,921,147	3,886,067
Microsoft Corporation	Equity	N/A	N/A	134,721	7,430,844	9,286,319
Microsoft Corporation	Equity	N/A	N/A	135,400	7,954,829	9,333,122
Microsoft Corporation	Equity	N/A	N/A	19,459	1,248,937	1,341,309
Mid Amer Apartment Communities	Equity	N/A	N/A	2,927	167,993	308,447
Middleby Corporation	Equity	N/A	N/A	98,043	5,420,945	11,913,205
Milacron Holdings Corporation	Equity	N/A	N/A	120,860	2,093,792	2,125,927
Mineral Resources Limited	Equity	N/A	N/A	43,800	407,435	365,261
Minerals Technologies, Incorporated	Equity	N/A	N/A	12,914	589,795	945,305
Mirvac Group	Equity	N/A	N/A	708,865	1,211,246	1,160,816
Mitchells & Butlers PLC	Equity	N/A	N/A	93,500	342,613	280,824
Mitie Group PLC	Equity	N/A	N/A	62,900	248,222	226,603
Mitsubishi Chemical Holdings	Equity	N/A	N/A	34,700	180,806	286,948
Mitsubishi Gas Chemical Company	Equity	N/A	N/A	32,850	353,881	693,654
Mitsubishi Tanabe Pharma	Equity	N/A	N/A	10,400	188,877	240,039
Mitsubishi UFJ Financial Group	Equity	N/A	N/A	234,300	1,396,311	1,572,345
Mitsubishi UFJ Financial Group	Equity	N/A	N/A	164,400	1,738,603	1,103,259
Mitsubishi Electric Corporation	Equity	N/A	N/A	16,500	206,455	233,475
Mitsui Chemicals, Inc.	Equity	N/A	N/A	286,000	1,470,962	1,512,957
Mizuho Financial Group limited	Equity	N/A	N/A	130,900	352,458	239,047
Mizuho Financial Group limited	Equity	N/A	N/A	559,900	1,204,318	1,022,478
MKS Instrs, Incorporated	Equity	N/A	N/A	50,785	1,715,492	3,417,830
Monarch Casino & Resort, Incorporated	Equity	N/A	N/A	40,909	778,448	1,237,497
Mondelez International	Equity	N/A	N/A	69,962	2,694,801	3,021,659
Mondi PLC	Equity	N/A	N/A	65,197	1,506,149	1,710,213
Mondi PLC	Equity	N/A	N/A	14,300	260,239	375,110
Monolithic Power Systems, Incorporated	Equity	N/A	N/A	11,617	574,034	1,119,879
Monster Beverage Corporation	Equity	N/A	N/A	60,003	2,732,784	2,980,949
Monster Beverage Corporation	Equity	N/A	N/A	1,500	71,539	74,520
Moody's Corporation	Equity	N/A	N/A	12,766	1,446,628	1,553,367
Moog, Incorporated Class A	Equity	N/A	N/A	13,375	674,519	959,255
Morgan Stanley	Equity	N/A	N/A	126,600	5,494,947	5,641,296
Morgan Stanley	Equity	N/A	N/A	22,030	1,022,851	981,657

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest	(d)		(e)
				Cost		Current Value
Morrison Supermarkets	Equity	N/A	N/A	205,855	620,197	646,698
MTGE Investment Corporation	Equity	N/A	N/A	70,994	1,238,831	1,334,687
Muenchener Rueckver AG	Equity	N/A	N/A	6,300	1,194,390	1,276,695
Murphy Oil Corporation	Equity	N/A	N/A	175,570	5,467,475	4,499,859
Murphy Oil Corporation	Equity	N/A	N/A	17,551	501,704	449,832
Murphy Oil Corporation	Equity	N/A	N/A	25,700	685,393	658,691
Murphy USA, Incorporated	Equity	N/A	N/A	10,500	626,529	778,155
Myer Holdings Limited	Equity	N/A	N/A	205,700	405,078	132,012
Mylan NV	Equity	N/A	N/A	13,900	708,961	539,598
Myokardia, Incorporated	Equity	N/A	N/A	45,712	509,727	598,827
Myr Group, Incorporated	Equity	N/A	N/A	11,534	284,304	357,785
Myriad Genetics, Incorporated	Equity	N/A	N/A	94,900	2,815,002	2,452,216
National Australia Bank Limited	Equity	N/A	N/A	19,872	474,850	451,945
National Retail Properties, Incorporated	Equity	N/A	N/A	13,896	295,612	543,334
National Storage Affiliates	Equity	N/A	N/A	70,210	1,599,088	1,622,553
Natixis	Equity	N/A	N/A	65,715	389,099	441,107
Natural Gas Services Group, Incorporated	Equity	N/A	N/A	25,644	588,862	637,253
Nautilus, Inc.	Equity	N/A	N/A	40,005	664,679	766,096
Naver Corporation	Equity	N/A	N/A	1,410	891,854	1,032,714
Navient Corporation	Equity	N/A	N/A	35,100	252,697	584,415
NCR Corporation	Equity	N/A	N/A	22,600	616,484	922,984
Nelnet, Incorporated Class A	Equity	N/A	N/A	2,886	113,742	135,671
Neopost SA	Equity	N/A	N/A	6,700	484,055	311,071
Neste Oil OYJ	Equity	N/A	N/A	8,000	266,206	315,143
Nestle SA	Equity	N/A	N/A	44,873	2,879,369	3,903,502
Nestle SA	Equity	N/A	N/A	11,370	774,943	989,076
Netflix, Incorporated	Equity	N/A	N/A	65,635	5,988,184	9,806,525
Netflix, Incorporated	Equity	N/A	N/A	16,600	2,084,288	2,480,206
New York Times Company	Equity	N/A	N/A	47,864	810,918	847,193
Nextera Energy, Incorporated	Equity	N/A	N/A	4,400	532,047	616,572
Nichi-Iko Pharmaceutical Company	Equity	N/A	N/A	11,200	179,521	174,460
Nicolet Bankshares, Inc.	Equity	N/A	N/A	10,100	485,778	552,571
Nike, Incorporated Class B	Equity	N/A	N/A	117,148	4,796,573	6,911,732
Nippon Electric Gas Company	Equity	N/A	N/A	49,000	308,776	1,779,640
Nippon Konpo Unyu Soko Company	Equity	N/A	N/A	20,200	363,058	466,230
Nippon Telegraph & Tele	Equity	N/A	N/A	41,100	1,690,115	1,940,351
Nippon Telegraph & Tele	Equity	N/A	N/A	40,000	926,747	1,888,420
Nissan Motor Company Limited	Equity	N/A	N/A	84,800	790,367	842,910
Nitto Kogyo Corporation	Equity	N/A	N/A	20,300	336,173	319,999
NMI Holdings, Inc.	Equity	N/A	N/A	85,257	897,421	976,193
Nokian Renkaat OYJ	Equity	N/A	N/A	26,854	1,035,650	1,111,530
Nordea AB	Equity	N/A	N/A	128,917	1,597,657	1,617,908
Nordstrom, Inc.	Equity	N/A	N/A	61,000	2,578,826	2,917,630
Norsk Hydro ASA	Equity	N/A	N/A	246,493	1,129,158	1,366,395
Northern Dynasty Minerals	Equity	N/A	N/A	153,803	468,418	213,786
Northrop Grumman Corporation	Equity	N/A	N/A	2,100	482,873	539,091
Northrop Grumman Corporation	Equity	N/A	N/A	6,215	1,508,554	1,595,453
Norwegian Cruise Line Holdings LTD	Equity	N/A	N/A	300	13,172	16,287
Northwestern Corporation	Equity	N/A	N/A	18,923	755,223	1,154,681
Novartis AG	Equity	N/A	N/A	17,329	1,330,363	1,442,125
NTT Docomo, Incorporated	Equity	N/A	N/A	20,600	-	485,719
Nu Skin Enterprises, Incorporated	Equity	N/A	N/A	26,148	1,148,657	1,643,140
Nucor Corporation	Equity	N/A	N/A	10,979	681,939	635,355
Nvidia Corporation	Equity	N/A	N/A	49,342	2,498,302	7,132,880

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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NWS Holdings Limited	Equity	N/A	N/A	229,000	338,877		450,523
O Reilly Automotive, Incorporated	Equity	N/A	N/A	6,663	1,670,901		1,457,465
Oceaneering International, Incorporated	Equity	N/A	N/A	60,181	2,028,476		1,374,534
Oceaneering International, Incorporated	Equity	N/A	N/A	20,600	815,809		470,504
Oceanfirst Financial Corporation	Equity	N/A	N/A	39,703	1,045,536		1,076,745
Oceanfirst Financial Corporation	Equity	N/A	N/A	23,677	647,000		642,120
Oclaro, Incorporated	Equity	N/A	N/A	53,536	381,905		500,026
Office Depot, Inc.	Equity	N/A	N/A	171,722	902,773		968,512
Office Depot, Inc.	Equity	N/A	N/A	80,900	439,374		456,276
Old Dominion Freight Lines, Incorporated	Equity	N/A	N/A	11,118	253,874		1,058,878
Olympic Steel, Inc.	Equity	N/A	N/A	12,818	240,535		249,695
Omega Healthcare Invs, Incorporated	Equity	N/A	N/A	39,000	1,073,979		1,287,780
Omnova Solutions, Incorporated	Equity	N/A	N/A	166,745	1,308,568		1,625,764
On Semiconductor Corporation	Equity	N/A	N/A	34,187	529,570		479,985
On Semiconductor Corporation	Equity	N/A	N/A	55,340	869,541		776,974
Open Text Corporation	Equity	N/A	N/A	329,200	5,832,593		10,382,968
Oracle Corporation	Equity	N/A	N/A	39,828	1,768,752		1,996,976
Orange SA	Equity	N/A	N/A	41,200	-		660,436
Orbcomm, Incorporated	Equity	N/A	N/A	59,213	558,614		669,107
Orion OYJ Class B	Equity	N/A	N/A	8,342	520,312		532,813
Orix Corporation	Equity	N/A	N/A	104,100	1,615,796		1,610,437
Orkla ASA	Equity	N/A	N/A	13,082	131,985		132,991
Oshkosh Corporation Class B	Equity	N/A	N/A	7,800	284,220		537,264
Osram Light AG	Equity	N/A	N/A	4,506	339,905		359,203
Otonomy, Incorporated	Equity	N/A	N/A	41,974	869,319		791,210
Oversea Chinese Banking Corporation	Equity	N/A	N/A	183,300	1,390,937		1,436,575
Owens & Minor, Incorporated	Equity	N/A	N/A	11,800	396,428		379,842
Owens Corning, Incorporated	Equity	N/A	N/A	49,099	2,624,176		3,285,705
Owens Corning, Incorporated	Equity	N/A	N/A	13,400	735,581		896,728
Owens Ill, Incorporated	Equity	N/A	N/A	134,300	3,584,084		3,212,456
Owens Ill, Incorporated	Equity	N/A	N/A	18,300	284,084		437,736
Pacific Andes Resources	Equity	N/A	N/A	1,533,000	434,271		24,007
Pacific Premier Bancorp	Equity	N/A	N/A	75,146	2,275,500		2,772,887
Packging Corporation	Equity	N/A	N/A	35,956	2,270,229		4,005,139
Packging Corporation	Equity	N/A	N/A	9,000	444,787		1,002,510
Pacwest Bancorp	Equity	N/A	N/A	25,119	703,126		1,173,057
Paragon Group of Co PLC	Equity	N/A	N/A	84,600	404,996		470,722
Paramount Bed Holdings Company Limited	Equity	N/A	N/A	7,800	256,879		340,502
Parker Hannifin Corporation	Equity	N/A	N/A	24,545	3,565,259		3,922,782
Parker Hannifin Corporation	Equity	N/A	N/A	10,984	1,723,236		1,755,463
Pattern Energy Group, Incorporated	Equity	N/A	N/A	24,575	611,547		585,868
Paychex, Incorporated	Equity	N/A	N/A	43,800	1,632,062		2,493,972
Paylocity Holding Corporation	Equity	N/A	N/A	12,989	393,738		586,843
Paypal Holdings, Incorporated	Equity	N/A	N/A	49,900	1,979,162		2,678,133
Pegasystems, Inc.	Equity	N/A	N/A	12,552	481,830		732,409
Penumbra, Inc.	Equity	N/A	N/A	9,326	642,413		818,356
Pepsico, Incorporated	Equity	N/A	N/A	39,659	3,954,868		4,580,218
Pepsico, Incorporated	Equity	N/A	N/A	13,899	1,433,267		1,605,196
Performance Food Group Company	Equity	N/A	N/A	48,478	1,209,885		1,328,297
Persimmon PLC	Equity	N/A	N/A	31,511	768,530		920,155
Peugeot SA	Equity	N/A	N/A	28,435	570,902		567,212
Pfizer, Incorporated	Equity	N/A	N/A	275,659	9,466,450		9,259,386
Pfizer, Incorporated	Equity	N/A	N/A	55,988	1,922,314		1,880,637
PGT Innovations, Inc.	Equity	N/A	N/A	51,218	556,085		655,590

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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Pharmerica Corporation	Equity	N/A	N/A	28,198	793,105		740,197
Philip Morris International	Equity	N/A	N/A	19,405	1,849,671		2,279,117
Philip Morris International	Equity	N/A	N/A	27,400	2,789,887		3,218,130
Phoenix Group Holdings	Equity	N/A	N/A	24,917	272,559		251,189
Physicians Realty Trust	Equity	N/A	N/A	71,776	1,557,760		1,445,569
Piedmont Office Realty Trust	Equity	N/A	N/A	49,100	884,496		1,035,028
Pinnacle Financial	Equity	N/A	N/A	14,041	259,830		881,775
Pinnacle West Capital Corporation	Equity	N/A	N/A	50,700	2,228,798		4,317,612
Pitney Bowes, Incorporated	Equity	N/A	N/A	35,900	532,862		542,090
Plantronics, Incorporated	Equity	N/A	N/A	104,103	4,736,927		5,445,628
Plexus Corporation	Equity	N/A	N/A	179,030	5,281,228		9,411,607
PNM Res, Incorporated	Equity	N/A	N/A	51,016	1,513,234		1,951,362
Polyone Corporation	Equity	N/A	N/A	50,748	1,376,489		1,965,978
Popular, Incorporated	Equity	N/A	N/A	31,247	1,053,149		1,303,312
Popular, Incorporated	Equity	N/A	N/A	47,661	1,963,807		1,987,940
Portola Pharmaceuticals, Incorporated	Equity	N/A	N/A	29,223	734,075		1,641,456
Post Holdings, Incorporated	Equity	N/A	N/A	15,429	789,021		1,198,062
Postnl NV	Equity	N/A	N/A	65,882	61,618		307,654
Postnl NV	Equity	N/A	N/A	98,300	432,176		459,039
Potash Corp Saskatchewan, Inc.	Equity	N/A	N/A	40,746	690,782		664,160
Potlatch Holdings, Inc.	Equity	N/A	N/A	23,733	953,842		1,084,598
Power Integrations, Incorporated	Equity	N/A	N/A	71,600	3,428,621		5,219,640
PPG Industries, Incorporated	Equity	N/A	N/A	200	21,168		21,992
PRA Group, Incorporated	Equity	N/A	N/A	22,886	693,164		867,379
PRA Health Sciences, Incorporated	Equity	N/A	N/A	34,321	1,093,944		2,574,418
Preferred Apartment Communities	Equity	N/A	N/A	36,755	505,442		578,891
Priceline Group, Incorporated	Equity	N/A	N/A	3,983	4,946,367		7,450,281
Priceline Group, Incorporated	Equity	N/A	N/A	6,364	9,520,831		11,903,989
Prima Meat Packers Limited	Equity	N/A	N/A	130,000	342,770		762,836
Principal Financial Group	Equity	N/A	N/A	17,500	478,811		1,121,225
Proassurance Corporation	Equity	N/A	N/A	17,698	574,404		1,076,038
Procter & Gamble Company	Equity	N/A	N/A	16,043	1,266,983		1,398,147
Progressive Corporation Ohio	Equity	N/A	N/A	11,000	444,325		484,990
Prologis, Inc.	Equity	N/A	N/A	21,950	1,114,314		1,287,148
Propetro Holding Corporation	Equity	N/A	N/A	21,438	295,868		299,274
Prosperity Bancshares, Incorporated	Equity	N/A	N/A	19,183	785,884		1,232,316
Proto Labs, Inc.	Equity	N/A	N/A	56,200	2,496,858		3,779,450
Prudential Financial, Incorporated	Equity	N/A	N/A	47,289	4,508,142		5,113,832
Prudential PLC	Equity	N/A	N/A	69,737	881,720		1,596,977
PS Business Pks, Incorporated	Equity	N/A	N/A	23,027	2,027,432		3,048,545
Public Service Enterprise Group, Incorporated	Equity	N/A	N/A	51,438	2,109,715		2,212,348
Public Service Enterprise Group, Incorporated	Equity	N/A	N/A	53,500	1,723,804		2,301,035
Public Service Enterprise Group, Incorporated	Equity	N/A	N/A	34,008	1,455,406		1,462,684
Publicis Groupe SA	Equity	N/A	N/A	3,248	9,901		242,281
Pulte Group, Inc.	Equity	N/A	N/A	29,572	662,405		725,401
PVH Corporation	Equity	N/A	N/A	9,932	896,968		1,137,214
Qantas Airways Limited	Equity	N/A	N/A	456,493	232,205		1,985,745
Qantas Airways Limited	Equity	N/A	N/A	151,000	-		656,850
Qep Resources, Incorporated	Equity	N/A	N/A	46,869	1,084,319		473,377
Qineti Group PLC	Equity	N/A	N/A	63,834	199,166		224,647
Qualcomm	Equity	N/A	N/A	51,339	3,068,652		2,834,940
Qualcomm	Equity	N/A	N/A	23,934	1,348,319		1,321,635
Quanta Services, Incorporated	Equity	N/A	N/A	10,003	262,748		329,299
Quanta Services, Incorporated	Equity	N/A	N/A	100,478	2,716,910		3,307,736

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				Cost		
Quanta Services, Incorporated	Equity	N/A	N/A	29,770	1,096,624	980,028
Quantenna Communications, Inc.	Equity	N/A	N/A	22,976	458,326	436,544
Quest Diagnostics, Incorporated	Equity	N/A	N/A	27,644	3,040,135	3,072,907
Quest Diagnostics, Incorporated	Equity	N/A	N/A	6,600	473,342	733,656
Quidel Corporation	Equity	N/A	N/A	20,255	517,195	549,721
RA Pharmaceuticals, Inc.	Equity	N/A	N/A	21,900	308,567	410,406
Ralph Lauren Corporation	Equity	N/A	N/A	28,100	4,974,046	2,073,780
Raven Industries, Incorporated	Equity	N/A	N/A	26,597	511,495	885,680
Raytheon Company	Equity	N/A	N/A	200	28,636	32,296
Raytheon Company	Equity	N/A	N/A	4,969	621,936	802,394
RBC Bearings, Incorporated	Equity	N/A	N/A	8,051	295,704	819,270
Realpage, Incorporated	Equity	N/A	N/A	106,500	2,132,309	3,828,675
Reckitt Benckiser Group PLC	Equity	N/A	N/A	22,981	2,013,879	2,352,105
Recordati SPA	Equity	N/A	N/A	6,850	275,725	278,007
Recruit Holdings Company	Equity	N/A	N/A	30,400	117,482	529,872
Red Electrica Corporation	Equity	N/A	N/A	62,893	1,294,936	1,327,042
Red Hat, Incorporated	Equity	N/A	N/A	50,005	2,678,466	4,787,979
Red Hat, Incorporated	Equity	N/A	N/A	19,100	1,524,434	1,828,825
Redrow PLC	Equity	N/A	N/A	63,300	427,901	450,976
Redwood Trust, Incorporated	Equity	N/A	N/A	87,818	1,220,996	1,496,419
Regeneron Pharmaceuticals, Incorporated	Equity	N/A	N/A	5,728	2,903,959	2,813,250
Regeneron Pharmaceuticals, Incorporated	Equity	N/A	N/A	200	75,144	98,228
Regions Financial Corporation	Equity	N/A	N/A	118,400	1,574,093	1,733,376
Regis Resources Limited	Equity	N/A	N/A	86,417	234,519	251,067
Reinsurance Group of America	Equity	N/A	N/A	8,740	437,390	1,122,129
Reinsurance Group of America	Equity	N/A	N/A	27,389	2,977,146	3,516,474
Reliance Steel & Aluminum Company	Equity	N/A	N/A	7,900	433,204	575,199
Relx NV	Equity	N/A	N/A	11,205	-	230,450
Renault SA Sedol	Equity	N/A	N/A	7,527	687,260	681,311
Renault SA Sedol	Equity	N/A	N/A	11,400	686,233	1,031,877
Repsol SA Sedol	Equity	N/A	N/A	55,032	1,015,343	842,256
Repsol SA Sedol	Equity	N/A	N/A	38,900	1,069,230	595,358
Republic Services, Incorporated	Equity	N/A	N/A	56,487	2,355,538	3,599,917
Resolute Energy Corporation	Equity	N/A	N/A	16,587	590,628	493,795
Resona Holdings, Incorporated	Equity	N/A	N/A	188,700	960,682	1,037,661
Restaurant Group PLC	Equity	N/A	N/A	64,600	301,634	275,554
Retail Opportunity Investments	Equity	N/A	N/A	69,797	1,052,120	1,339,404
Rexford Industrial Realty	Equity	N/A	N/A	157,961	3,636,378	4,334,450
Rexford Industrial Realty	Equity	N/A	N/A	22,992	507,838	630,900
Rexnord Corporation	Equity	N/A	N/A	33,857	767,350	787,175
Rheinmetall AG	Equity	N/A	N/A	8,200	732,730	778,894
RHI AG	Equity	N/A	N/A	14,343	385,319	531,592
Rieter Holding AG	Equity	N/A	N/A	2,000	328,790	456,565
Rio Tinto PLC	Equity	N/A	N/A	45,683	1,552,116	1,928,993
RLJ Lodging Trust	Equity	N/A	N/A	85,817	1,981,333	1,705,184
Roche Holding AG	Equity	N/A	N/A	11,564	2,428,322	2,919,910
Roche Holding AG	Equity	N/A	N/A	3,622	923,148	914,555
Roche Holding AG	Equity	N/A	N/A	5,180	1,299,726	1,307,950
Rockwell Collins, Inc.	Equity	N/A	N/A	2,700	270,443	283,716
Rogers Corporation	Equity	N/A	N/A	30,269	1,206,598	3,287,819
Rogers Corporation	Equity	N/A	N/A	6,552	273,968	711,678
Rohm Company Limited	Equity	N/A	N/A	13,100	698,202	1,005,139
Roper Technologies, Inc.	Equity	N/A	N/A	5,900	1,157,957	1,366,027
Ross Stores, Inc.	Equity	N/A	N/A	23,100	1,586,972	1,333,563

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest	(d)		(e) Current Value
				Cost		
Royal Caribbean Cruises Limited	Equity	N/A	N/A	19,400	1,483,922	2,119,062
Royal Caribbean Cruises Limited	Equity	N/A	N/A	75,200	2,628,195	8,214,096
Royal Caribbean Cruises Limited	Equity	N/A	N/A	12,300	1,067,979	1,343,529
Royal Dutch Shell PLC A	Equity	N/A	N/A	110,088	48,602	2,932,304
Royal Dutch Shell PLC A	Equity	N/A	N/A	8,733	135,982	232,612
Royal Dutch Shell PLC B	Equity	N/A	N/A	8,550	268,385	230,850
Royal Dutch Shell PLC B	Equity	N/A	N/A	20,500	648,362	553,500
Royal Mail PLC	Equity	N/A	N/A	54,400	346,816	298,435
RPC, Incorporated	Equity	N/A	N/A	43,816	520,190	885,521
RPS Group PLC	Equity	N/A	N/A	53,300	183,858	181,883
RSP Permian, Incorporated	Equity	N/A	N/A	19,648	474,574	634,041
Ryder System, Incorporated	Equity	N/A	N/A	13,400	670,292	964,532
Ryman Hospitality Properties, Inc.	Equity	N/A	N/A	7,573	481,110	484,748
S Foods, Incorporated	Equity	N/A	N/A	16,000	298,928	588,220
S&P Global, Incorporated	Equity	N/A	N/A	13,667	1,994,452	1,995,245
S&P Global, Incorporated	Equity	N/A	N/A	21,832	1,928,416	3,187,254
S&P Global, Incorporated	Equity	N/A	N/A	2,900	289,822	423,371
Sabra Health Care Reit, Incorporated	Equity	N/A	N/A	23,572	591,408	568,085
Sainsbury J PLC	Equity	N/A	N/A	211,000	922,368	691,717
Salesforce.Com	Equity	N/A	N/A	83,598	5,250,552	7,239,587
Salesforce.Com	Equity	N/A	N/A	51,200	3,445,698	4,433,920
Sally Beauty Company	Equity	N/A	N/A	16,405	307,839	332,201
Samsonite International SA	Equity	N/A	N/A	273,900	826,690	1,111,486
Samsung Electronics LTD	Equity	N/A	N/A	429	756,236	891,266
Sanderson Farms, Incorporated	Equity	N/A	N/A	15,838	1,435,631	1,831,665
Sandfire Resources	Equity	N/A	N/A	83,800	362,259	363,908
Sankyu, Incorporated	Equity	N/A	N/A	97,000	465,489	631,287
Sanofi Sedol	Equity	N/A	N/A	24,798	2,141,333	2,372,342
Sanofi Sedol	Equity	N/A	N/A	24,000	2,108,105	2,296,000
Santen Pharmaceutical Company	Equity	N/A	N/A	87,100	1,352,298	1,180,176
Sanyo Chemical Industries LTD	Equity	N/A	N/A	7,600	321,910	356,773
SAP SE Sedol	Equity	N/A	N/A	18,995	1,484,573	1,965,983
SAS AB SAS SS	Equity	N/A	N/A	152,600	290,797	333,286
Sawai Pharmaceuticals Company Limited	Equity	N/A	N/A	5,300	311,819	297,337
SBA Communications Corporation	Equity	N/A	N/A	1,000	119,867	134,900
Scana Corporation	Equity	N/A	N/A	18,500	1,222,455	1,239,685
Scentre Group	Equity	N/A	N/A	138,261	455,101	430,382
Schein Henry, Inc.	Equity	N/A	N/A	200	30,481	36,604
Schindler Holding	Equity	N/A	N/A	5,452	1,004,681	1,153,625
Schneider Electric SE	Equity	N/A	N/A	23,964	1,565,411	1,841,216
Schwab Charles Corporation	Equity	N/A	N/A	33,400	1,334,684	1,434,864
Scor Isin	Equity	N/A	N/A	9,539	349,238	378,165
Scor Isin	Equity	N/A	N/A	18,300	476,559	725,487
Seagate Technology	Equity	N/A	N/A	24,200	557,709	937,750
Seagate Technology	Equity	N/A	N/A	152,400	6,803,868	5,905,500
Sekisui Chemical Company Limited	Equity	N/A	N/A	104,000	810,430	1,859,470
Sekisui House Limited	Equity	N/A	N/A	46,400	698,179	816,615
Select Comfort Corporation	Equity	N/A	N/A	179,000	3,894,655	6,352,710
Select Energy Services, Inc.	Equity	N/A	N/A	64,353	921,792	781,889
Select Income	Equity	N/A	N/A	31,800	862,498	764,154
Semgroup Corporation Class A	Equity	N/A	N/A	47,595	1,669,260	1,285,065
Semtech Corporation	Equity	N/A	N/A	18,100	482,389	647,075
Senior Housing Property Trust	Equity	N/A	N/A	63,600	1,054,777	1,299,984
Service Now, Incorporated	Equity	N/A	N/A	33,500	2,354,261	3,551,000

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(e)	
					(d) Cost	Current Value
Seven Group Holdings Limited	Equity	N/A	N/A	24,000	264,836	201,803
Sherwin-Williams Company	Equity	N/A	N/A	2,000	613,961	701,920
Ship Finance International Limited	Equity	N/A	N/A	10,800	182,867	146,880
Shire PLC	Equity	N/A	N/A	15,758	3,432,911	2,604,325
Shire PLC	Equity	N/A	N/A	900	154,185	148,743
Shiseido Company	Equity	N/A	N/A	17,600	632,402	625,451
Sias SPA	Equity	N/A	N/A	45,300	409,708	499,545
Siemens AG	Equity	N/A	N/A	1,654	160,129	227,828
Sierra Bancorp	Equity	N/A	N/A	12,000	313,333	294,600
Signature Bank New York	Equity	N/A	N/A	7,645	1,092,438	1,097,287
Signature Bank New York	Equity	N/A	N/A	7,272	209,907	1,043,750
Silicon Laboratories, Inc.	Equity	N/A	N/A	8,254	500,235	564,161
Six Flags Entertainment Group	Equity	N/A	N/A	9,918	233,509	591,212
SJM Holdings LTD	Equity	N/A	N/A	181,000	195,571	191,860
Skandinaviska Enskilda	Equity	N/A	N/A	135,997	1,535,600	1,643,472
SKF AB-B Shares	Equity	N/A	N/A	67,832	1,366,155	1,380,381
Sky Network Television Limited	Equity	N/A	N/A	97,200	489,151	245,736
Sky Perfect Jsat Holdings, Incorporated	Equity	N/A	N/A	92,600	518,915	397,650
SMC Corporation	Equity	N/A	N/A	4,800	894,987	1,465,200
Smurfit Kappa Group PLC	Equity	N/A	N/A	35,600	670,589	1,108,205
Snap, Inc.	Equity	N/A	N/A	2,100	35,700	37,317
Softbrands, Inc.	Equity	N/A	N/A	5,163	1	5
Sojitz Corporation	Equity	N/A	N/A	351,300	881,850	862,698
Solar Capital LTD	Equity	N/A	N/A	42,298	929,207	925,057
Solvay SA	Equity	N/A	N/A	6,800	774,189	912,580
Sopra Group Sedol	Equity	N/A	N/A	2,400	371,335	383,078
South Jersey Industries, Incorporated	Equity	N/A	N/A	27,115	731,374	926,520
Southwest Gas Holdings, Inc.	Equity	N/A	N/A	15,295	672,955	1,117,453
Southwest Gas Holdings, Inc.	Equity	N/A	N/A	4,167	306,321	304,441
Southwestern Energy Company	Equity	N/A	N/A	35,930	359,783	218,454
Southwestern Energy Company	Equity	N/A	N/A	468,200	4,663,231	2,846,656
Spark New Zealand LTD	Equity	N/A	N/A	339,646	848,066	941,869
Spartanash Company	Equity	N/A	N/A	27,532	552,510	714,731
Spectranetics Corporation	Equity	N/A	N/A	19,339	478,907	742,618
Spicers Limited	Equity	N/A	N/A	115,200	-	2,479
Spire, Incorporated	Equity	N/A	N/A	6,855	358,374	478,136
Spirit Aerosystems Holdings Class A	Equity	N/A	N/A	34,178	1,654,593	1,980,273
Spirit Aerosystems Holdings Class A	Equity	N/A	N/A	21,100	990,751	1,222,534
Spirit Airlines, Incorporated	Equity	N/A	N/A	23,363	1,239,147	1,206,699
Splunk, Incorporated	Equity	N/A	N/A	37,635	1,941,766	2,141,055
SRC Energy, Inc.	Equity	N/A	N/A	233,732	1,585,322	1,573,016
SRC Energy, Inc.	Equity	N/A	N/A	123,239	1,057,900	829,398
Stada Arzneimittel AG	Equity	N/A	N/A	4,500	215,568	301,936
Standex International Corporation	Equity	N/A	N/A	11,026	967,233	1,000,058
Stanley Black & Decker, Inc.	Equity	N/A	N/A	2,200	300,501	309,606
Stanley Black & Decker, Inc.	Equity	N/A	N/A	10,149	1,305,719	1,428,269
Starbucks Corporation	Equity	N/A	N/A	24,188	1,362,014	1,410,402
Starwood Property Trust, Incorporated	Equity	N/A	N/A	35,600	819,687	797,084
State Auto Financial Corporation	Equity	N/A	N/A	24,352	670,151	626,577
State Str Corporation	Equity	N/A	N/A	29,400	2,373,346	2,638,062
State Str Corporation	Equity	N/A	N/A	19,775	1,573,894	1,774,411
Statoil ASA	Equity	N/A	N/A	62,151	1,088,400	1,025,491
Statoil ASA	Equity	N/A	N/A	19,600	762,806	323,400
Sterling Bancorp	Equity	N/A	N/A	117,688	1,961,495	2,736,246

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
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					(d) Cost	Current Value
Sterling Construction, Incorporated	Equity	N/A	N/A	25,454	181,888	332,684
Stifel Financial Corporation	Equity	N/A	N/A	20,375	504,853	936,842
Stockland NPV	Equity	N/A	N/A	263,201	948,485	886,306
Stora Enso OYJ	Equity	N/A	N/A	55,114	674,928	711,948
Stryker Corporation	Equity	N/A	N/A	26,000	3,192,598	3,608,280
Subaru Corporation	Equity	N/A	N/A	33,900	1,280,886	1,153,041
Subsea 7 SA	Equity	N/A	N/A	40,445	601,035	544,177
Suedzucker AG	Equity	N/A	N/A	27,331	669,839	571,443
Sumitomo Chemical Company	Equity	N/A	N/A	44,000	184,845	252,714
Sumitomo Corporation	Equity	N/A	N/A	18,200	202,928	236,572
Sumitomo Electric Industries	Equity	N/A	N/A	49,000	764,181	753,678
Sumitomo Mitsui Financial Group	Equity	N/A	N/A	25,300	924,060	991,127
Sumitomo Mitsui Financial Group	Equity	N/A	N/A	24,600	872,122	963,705
Sumitomo Osaka Cement	Equity	N/A	N/A	85,000	344,856	402,801
Summit Materials, Incorporated Class A	Equity	N/A	N/A	40,062	1,093,351	1,156,590
Summit Materials, Incorporated Class A	Equity	N/A	N/A	23,562	486,235	680,235
Suncorp Group Limited	Equity	N/A	N/A	21,124	205,812	240,615
Sunopta, Inc.	Equity	N/A	N/A	45,566	425,980	464,773
Suntory Beverage & Food Limited	Equity	N/A	N/A	22,500	929,307	1,044,232
Suntrust Banks, Incorporated	Equity	N/A	N/A	83,400	3,445,565	4,730,448
Suntrust Banks, Incorporated	Equity	N/A	N/A	21,700	771,426	1,230,824
Suntrust Banks, Incorporated	Equity	N/A	N/A	32,948	1,314,029	1,868,811
Super Micro Computer, Incorporated	Equity	N/A	N/A	126,100	3,814,785	3,108,365
Supervalu, Incorporated	Equity	N/A	N/A	75,500	666,583	248,395
Suzuki Motor Corporation	Equity	N/A	N/A	26,300	674,341	1,246,312
Suzuki Motor Corporation	Equity	N/A	N/A	39,100	1,354,455	1,852,883
Swedbank AB	Equity	N/A	N/A	28,700	461,204	699,385
Swedish Match AB	Equity	N/A	N/A	45,847	1,585,599	1,629,861
Swiss Life Holding AG	Equity	N/A	N/A	3,774	583,687	1,273,612
Swiss Life Holding AG	Equity	N/A	N/A	3,800	-	1,282,386
Swiss Re Limited	Equity	N/A	N/A	2,591	243,203	236,299
Swiss Re Limited	Equity	N/A	N/A	16,600	459,237	1,513,920
Sydbank A/S	Equity	N/A	N/A	19,100	681,475	719,952
Symrise Ag	Equity	N/A	N/A	13,445	466,467	951,856
Synaptics, Incorporated	Equity	N/A	N/A	39,600	2,512,661	2,047,716
Syndax Pharmaceuticals, Incorporated	Equity	N/A	N/A	34,259	438,551	478,598
Synopsys, Inc.	Equity	N/A	N/A	11,995	895,241	874,795
Synovus Financial Corporation	Equity	N/A	N/A	8,352	352,321	369,492
Taiwan Semiconductor Mtg Company	Equity	N/A	N/A	32,069	757,569	1,121,132
Take Two Interactive Software	Equity	N/A	N/A	13,428	662,891	985,347
Tate & Lyle PLC	Equity	N/A	N/A	159,482	1,437,409	1,375,095
Tate & Lyle PLC	Equity	N/A	N/A	62,200	604,445	536,305
Taylor Morrison Home Corporation	Equity	N/A	N/A	14,110	333,222	338,781
TCF Financial Corporation	Equity	N/A	N/A	76,919	968,451	1,226,089
TCF Financial Corporation	Equity	N/A	N/A	127,300	1,794,197	2,029,162
TD Ameritrade Holding Corporation	Equity	N/A	N/A	78,100	3,419,875	3,357,519
TDC A/S	Equity	N/A	N/A	47,407	247,990	275,688
TE Connectivity LTD	Equity	N/A	N/A	21,700	1,370,118	1,707,356
Technicolor Sedol	Equity	N/A	N/A	50,600	331,880	220,653
Technipfmc	Equity	N/A	N/A	31,800	1,129,854	864,960
Tegna, Incorporated	Equity	N/A	N/A	27,000	363,659	389,070
Teijin LTD	Equity	N/A	N/A	17,500	329,018	336,230
Teladoc, Incorporated	Equity	N/A	N/A	75,418	1,260,756	2,617,005
Teledyne Technologies, Incorporated	Equity	N/A	N/A	6,089	524,146	777,261

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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EIN: 52-6152779
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				Cost		
Telefonica Brasil SA	Equity	N/A	N/A	48,300	593,792	654,176
Teleperformance Sedol	Equity	N/A	N/A	1,781	138,661	228,133
Telephone and Data Systems, Inc.	Equity	N/A	N/A	33,306	952,438	924,241
Teliasonera AB	Equity	N/A	N/A	114,600	834,055	527,654
Tenaris SA	Equity	N/A	N/A	81,167	1,280,440	1,265,915
Tencent Holdings Limited	Equity	N/A	N/A	41,200	857,999	1,485,260
Tencent Holdings Limited	Equity	N/A	N/A	168,749	2,970,303	6,083,401
Tencent Holdings Limited Unspn	Equity	N/A	N/A	138,900	2,798,237	4,994,844
Tenneco, Incorporated	Equity	N/A	N/A	35,073	2,013,078	2,028,272
Teradyne, Incorporated	Equity	N/A	N/A	41,149	534,745	1,235,704
Teradyne, Incorporated	Equity	N/A	N/A	47,792	1,420,898	1,435,194
Teradyne, Incorporated	Equity	N/A	N/A	23,200	437,476	696,696
Tesaro, Incorporated	Equity	N/A	N/A	7,854	152,634	1,098,460
Tesla, Incorporated	Equity	N/A	N/A	7,729	1,664,970	2,794,884
Tesla, Incorporated	Equity	N/A	N/A	7,169	1,517,293	2,592,382
Tesoro Corporation	Equity	N/A	N/A	24,439	1,726,393	2,287,490
Tesoro Corporation	Equity	N/A	N/A	10,700	512,511	1,001,520
Texas Cap Bancshares, Incorporated	Equity	N/A	N/A	12,207	547,542	944,822
Texas Roadhouse, Incorporated	Equity	N/A	N/A	6,434	323,047	327,812
Textron, Inc.	Equity	N/A	N/A	500	24,411	23,550
The Travelers Companies, Incorporated	Equity	N/A	N/A	24,628	2,104,480	3,116,181
Thermo Fisher Scientific, Incorporated	Equity	N/A	N/A	15,334	2,176,184	2,675,323
Thermo Fisher Scientific, Incorporated	Equity	N/A	N/A	5,078	885,452	885,959
Tieto OYJ	Equity	N/A	N/A	10,400	241,265	321,548
Time Warner, Incorporated	Equity	N/A	N/A	31,461	2,747,673	3,158,999
Timken Company	Equity	N/A	N/A	10,028	462,709	463,795
TJX Companies, Incorporated	Equity	N/A	N/A	16,818	1,027,707	1,213,755
TJX Companies, Incorporated	Equity	N/A	N/A	169,800	8,560,696	12,254,466
Toagosei Company Limited	Equity	N/A	N/A	50,500	428,883	655,523
Toho Holding Company Limited	Equity	N/A	N/A	20,200	364,676	397,265
Tokai Rika Company Limited	Equity	N/A	N/A	32,300	682,275	593,590
Tokyo Election Limted	Equity	N/A	N/A	6,300	637,760	849,791
Tokyo Gas Company Limited	Equity	N/A	N/A	217,000	1,044,756	1,127,300
Tongda Group Holdings Limited	Equity	N/A	N/A	2,290,000	317,373	683,405
Topbuild Corporation	Equity	N/A	N/A	87,788	2,803,039	4,658,909
Toronto-Dominion Bank	Equity	N/A	N/A	30,869	1,279,234	1,555,180
Total SA Sedol	Equity	N/A	N/A	17,195	825,629	850,087
Total SA Sedol	Equity	N/A	N/A	32,400	2,105,788	1,601,793
Towa Pharmaceutical Company Limited	Equity	N/A	N/A	9,400	600,949	438,764
Towne Bank	Equity	N/A	N/A	29,335	645,299	903,518
Toyo Tire & Rubber Company Limited	Equity	N/A	N/A	20,300	-	413,129
Toyota Motor Corporation	Equity	N/A	N/A	17,800	867,492	932,611
Toyota Tsusho Corporation	Equity	N/A	N/A	6,600	209,118	197,607
TPI Composites, Inc.	Equity	N/A	N/A	30,922	513,341	571,439
Transdigm Group, Incorporated	Equity	N/A	N/A	21,742	3,780,588	5,845,772
Trevena, Incorporated	Equity	N/A	N/A	116,296	883,380	267,481
Tri Pointe Group, Inc.	Equity	N/A	N/A	54,110	677,532	713,711
Trinet Group, Incorporated	Equity	N/A	N/A	67,066	1,337,908	2,195,741
Trinity Mirror PLC	Equity	N/A	N/A	76,300	731,141	97,638
Trinseo SA	Equity	N/A	N/A	28,158	1,748,749	1,934,455
Trinseo SA	Equity	N/A	N/A	12,600	866,755	865,620
Tripadvisor, Incorporated	Equity	N/A	N/A	32,900	2,264,549	1,256,780
Triumph Bancorp, Incorporated	Equity	N/A	N/A	26,344	693,407	646,745
Triumph Bancorp, Incorporated	Equity	N/A	N/A	27,306	372,264	670,362

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

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Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value
Trupanion, Inc.	Equity	N/A	N/A	28,400	421,503	635,592
TS Tech Company Limited	Equity	N/A	N/A	11,100	-	11,100
Tsubakimoto Chain Company	Equity	N/A	N/A	45,000	332,994	387,286
TTM Technologies	Equity	N/A	N/A	26,800	437,207	465,248
Tutor Perini Corporation	Equity	N/A	N/A	26,100	553,890	750,375
Two Harbors Investment Corporation	Equity	N/A	N/A	59,800	660,879	592,618
Tyson Foods, Incorporated Class A	Equity	N/A	N/A	26,951	1,682,201	1,687,941
Tyson Foods, Incorporated Class A	Equity	N/A	N/A	17,700	1,070,602	1,108,551
Tyson Foods, Incorporated Class A	Equity	N/A	N/A	17,446	944,233	1,092,643
UBE Industries LTD	Equity	N/A	N/A	208,000	452,511	534,448
Ubiquiti Networks, Incorporated	Equity	N/A	N/A	110,700	3,800,534	5,753,079
UBS Group AG	Equity	N/A	N/A	800	-	13,584
UGI Holding Corporation	Equity	N/A	N/A	59,200	1,459,826	2,865,872
Ullico, Incorporated Class A	Equity	N/A	N/A	755,985	16,040,362	10,319,195
Ullico, Incorporated Class B	Equity	N/A	N/A	1,256,782	18,964,350	17,155,074
Ultra Petroleum	Equity	N/A	N/A	546,959	7,417,432	5,934,505
Ultragenyx Pharmaceutical, Incorporated	Equity	N/A	N/A	1,200	25,200	74,532
Ulvac, Inc.	Equity	N/A	N/A	7,000	341,935	336,329
UMH Properties, Inc.	Equity	N/A	N/A	27,501	469,494	468,892
Umicore	Equity	N/A	N/A	19,602	1,102,297	1,358,850
Unilever Plc NV	Equity	N/A	N/A	27,467	1,061,472	1,466,738
Union Pacific Corporation	Equity	N/A	N/A	100	11,134	10,891
Uniper SE	Equity	N/A	N/A	2,170	25,519	40,684
United Community Banks	Equity	N/A	N/A	40,194	777,560	1,117,393
United Continental Holdings, Incorporated	Equity	N/A	N/A	43,264	2,729,460	3,255,616
United Continental Holdings, Incorporated	Equity	N/A	N/A	25,200	1,313,022	1,896,300
United Continental Holdings, Incorporated	Equity	N/A	N/A	13,516	1,020,801	1,017,079
United Overseas Bank	Equity	N/A	N/A	13,951	213,879	234,375
United Rentals, Inc.	Equity	N/A	N/A	8,786	997,312	990,270
United Therapeutics Corporation	Equity	N/A	N/A	13,943	1,441,833	1,808,825
Unitedhealth Group, Incorporated	Equity	N/A	N/A	12,780	2,317,511	2,369,668
Unitedhealth Group, Incorporated	Equity	N/A	N/A	35,800	4,593,575	6,638,036
Unitedhealth Group, Incorporated	Equity	N/A	N/A	7,190	1,209,011	1,333,170
Universal Health Services, Incorporated Class B	Equity	N/A	N/A	46,760	5,282,119	5,708,461
Unum Group	Equity	N/A	N/A	47,430	1,637,928	2,211,661
Unum Group	Equity	N/A	N/A	35,600	984,200	1,660,028
UPM Kymmene Corporation	Equity	N/A	N/A	20,764	444,383	592,172
Urban Outfitters, Incorporated	Equity	N/A	N/A	63,600	2,274,833	1,179,144
US Concrete, Incorporated	Equity	N/A	N/A	17,540	571,206	1,377,767
US Concrete, Incorporated	Equity	N/A	N/A	10,319	537,995	810,557
US Silica Holdings, Incorporated	Equity	N/A	N/A	9,654	270,700	246,797
US Silica Holdings, Incorporated	Equity	N/A	N/A	26,489	549,317	940,095
Valeo Sedol	Equity	N/A	N/A	6,600	229,943	444,679
Valero Energy Corporation	Equity	N/A	N/A	50,901	2,532,902	3,433,781
Valero Energy Corporation	Equity	N/A	N/A	29,200	696,572	1,969,832
Valero Energy Corporation	Equity	N/A	N/A	7,001	348,950	472,287
Validus Holdings Limited	Equity	N/A	N/A	11,200	337,994	582,064
Vantiv, Inc.	Equity	N/A	N/A	300	19,316	19,002
Varex Imaging Corporation	Equity	N/A	N/A	24,785	859,155	837,733
Varex Imaging Corporation	Equity	N/A	N/A	23,280	464,056	786,864
Varian Medical Systems, Incorporated	Equity	N/A	N/A	55,100	3,270,915	5,685,769
Vereit, Inc.	Equity	N/A	N/A	83,200	697,671	677,248
Verint Systems, Incorporated	Equity	N/A	N/A	20,584	844,832	837,769
Verisign, Incorporated	Equity	N/A	N/A	37,540	2,824,112	3,489,718

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a)	(b)				(d)	(e)
Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value
Verizon Communications, Incorporated	Equity	N/A	N/A	123,358	6,173,690	5,509,168
Vertex Pharmaceuticals, Incorporated	Equity	N/A	N/A	7,783	938,031	1,002,995
Vertex Pharmaceuticals, Incorporated	Equity	N/A	N/A	17,795	1,602,555	2,293,242
Vertex Pharmaceuticals, Incorporated	Equity	N/A	N/A	23,600	2,118,521	3,041,332
Vestas Wind Systems A/S	Equity	N/A	N/A	4,190	-	386,318
Vestas Wind Systems A/S	Equity	N/A	N/A	16,215	80,550	1,495,023
Vesuvius PLC	Equity	N/A	N/A	45,400	247,255	313,693
Viacom, Incorporated Class B	Equity	N/A	N/A	14,600	833,254	490,122
Viad Corporation	Equity	N/A	N/A	25,470	660,760	1,203,457
Viasat, Incorporated	Equity	N/A	N/A	65,900	4,015,156	4,000,039
Viavi Solutions, Incorporated	Equity	N/A	N/A	70,559	466,943	742,986
Vinci SA NV	Equity	N/A	N/A	2,650	177,085	226,186
Visa, Incorporated Class A	Equity	N/A	N/A	95,920	5,355,445	8,995,378
Visa, Incorporated Class A	Equity	N/A	N/A	87,000	4,057,793	8,158,860
Vishay Intertechnology, Incorporated	Equity	N/A	N/A	24,578	256,748	407,995
Vishay Intertechnology, Incorporated	Equity	N/A	N/A	70,700	749,385	1,173,620
Visteon Corporation	Equity	N/A	N/A	4,571	344,024	466,516
Vodafone Group PLC	Equity	N/A	N/A	473,692	1,392,794	1,331,075
Voestal Pine AG	Equity	N/A	N/A	11,200	274,089	521,918
Volkswagen AG	Equity	N/A	N/A	4,529	730,953	702,348
Volkswagen AG	Equity	N/A	N/A	5,800	876,889	899,452
Volvo AB-B	Equity	N/A	N/A	14,078	164,278	242,845
Volvo AB-B	Equity	N/A	N/A	62,200	605,777	1,072,950
Voya Financial, Incorporated	Equity	N/A	N/A	92,170	3,493,715	3,400,151
VWR Corporation	Equity	N/A	N/A	28,919	719,352	954,616
Wabtec Corporation	Equity	N/A	N/A	1,400	111,738	128,100
Wageworks, Incorporated	Equity	N/A	N/A	22,383	866,156	1,504,138
Walgreens Boots Alliance, Inc.	Equity	N/A	N/A	20,800	1,807,664	1,628,848
Wal-Mart Stores, Inc.	Equity	N/A	N/A	88,087	6,226,058	6,666,424
Warrior Met Coal, Inc.	Equity	N/A	N/A	18,609	343,297	318,772
Washington Prime Group, Inc.	Equity	N/A	N/A	56,700	571,651	474,579
Waste Management, Inc.	Equity	N/A	N/A	21,079	1,535,023	1,546,145
Watts Water Technologies, Incorporated Class A	Equity	N/A	N/A	24,316	878,715	1,536,771
Wayfair, Incorporated Class A	Equity	N/A	N/A	73,762	2,652,688	5,670,823
Weatherford International Limited	Equity	N/A	N/A	691,344	4,235,706	2,675,501
Wells Fargo & Company	Equity	N/A	N/A	28,208	1,275,082	1,563,005
Wesco Aircraft Holdings, Inc.	Equity	N/A	N/A	39,800	397,867	431,830
West Corporation	Equity	N/A	N/A	25,981	683,245	605,877
Western Alliance Bancorp	Equity	N/A	N/A	75,900	2,535,148	3,734,280
Western Digital Corporation	Equity	N/A	N/A	15,500	458,862	1,373,300
Westpac Banking Corporation	Equity	N/A	N/A	55,162	1,336,830	1,297,410
Westrock Company	Equity	N/A	N/A	46,791	2,582,190	2,651,178
Westrock Company	Equity	N/A	N/A	3,156	181,371	178,819
Westrock Company	Equity	N/A	N/A	24,440	1,329,153	1,384,770
Wex, Incorporated	Equity	N/A	N/A	8,944	226,998	932,591
WH Group Limited	Equity	N/A	N/A	1,964,000	1,637,368	1,924,720
WH Group Limited	Equity	N/A	N/A	738,500	577,059	723,730
Wheelock & Company Limited	Equity	N/A	N/A	78,900	351,157	595,227
Whirlpool Corporation	Equity	N/A	N/A	6,600	408,027	1,264,692
Whitebread PLC	Equity	N/A	N/A	14,265	1,076,443	737,050
Wiley John A Sons, Incorporated Class A	Equity	N/A	N/A	14,335	519,687	756,171
Wiley John A Sons, Incorporated Class A	Equity	N/A	N/A	2,816	149,853	148,544
Willis Towers Watson PLC	Equity	N/A	N/A	8,160	1,080,619	1,186,954
Wilmar International Limited	Equity	N/A	N/A	187,500	470,077	456,236

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

(c) Description of investment, including maturity date, rate of interest,
collateral, par or maturity value

(a) Identity of issuer, borrower, lessor or similar party	(b) Description	Maturity Date	Rate of Interest		(d) Cost Current Value	
Wingstop, Incorporated	Equity	N/A	N/A	85,621	2,173,226	2,645,689
Wintrust Financial Corporation	Equity	N/A	N/A	22,908	793,317	1,751,088
Wisdomtree Investments, Incorporated	Equity	N/A	N/A	130,884	1,469,513	1,331,090
Wix.com	Equity	N/A	N/A	6,443	295,210	448,433
Wolters Kluwer CVA	Equity	N/A	N/A	5,388	-	5
Wolverine World Wide, Incorporated	Equity	N/A	N/A	23,577	535,014	660,392
Workday, Incorporated Class A	Equity	N/A	N/A	32,047	2,718,277	3,108,559
Workday, Incorporated Class A	Equity	N/A	N/A	12,400	934,987	1,202,800
World Fuel Services Corporation	Equity	N/A	N/A	25,361	921,273	975,130
Wyndham Worldwide Corporation	Equity	N/A	N/A	44,300	1,916,149	4,448,163
Xcel Energy, Inc.	Equity	N/A	N/A	34,533	1,533,568	1,584,374
Xenia Hotels & Resorts, Inc.	Equity	N/A	N/A	34,300	676,529	664,391
Xerox Corporation	Equity	N/A	N/A	30,325	1,136,318	871,237
Xilinx, Inc.	Equity	N/A	N/A	800	51,736	51,456
Xinyi Glass Holdings LTD	Equity	N/A	N/A	476,000	379,308	461,720
XL Group PLC	Equity	N/A	N/A	37,350	1,543,861	1,635,930
XL Group PLC	Equity	N/A	N/A	11,000	484,755	481,800
XPO Logistics, Incorporated	Equity	N/A	N/A	23,445	668,941	1,515,250
Yamaha Motor Company Limited	Equity	N/A	N/A	22,700	373,109	584,882
Yara International ASA	Equity	N/A	N/A	14,500	695,301	544,656
Yokohama Rubber Company Limited	Equity	N/A	N/A	34,200	-	685,672
Yue Yuen Industrial Holdings	Equity	N/A	N/A	59,000	225,925	244,843
Yue Yuen Industrial Holdings	Equity	N/A	N/A	174,000	637,757	722,079
Yum! Brands, Incorporated	Equity	N/A	N/A	25,500	1,603,298	1,880,880
Zendesk, Incorporated	Equity	N/A	N/A	27,193	633,929	755,422
Zimmer Biomet Holdings, Incorporated	Equity	N/A	N/A	41,962	4,289,964	5,387,921
Zions Bancorp	Equity	N/A	N/A	11,500	304,894	504,965
Zoetis, Inc.	Equity	N/A	N/A	8,300	443,830	517,754
Zurich Financial Services	Equity	N/A	N/A	3,200	595,957	931,401
Zurich Financial Services	Equity	N/A	N/A	2,029	431,253	590,565
Total Common & Preferred Stocks					\$ 1,815,968,028	\$ 2,291,378,100

Mutual and Other Funds

AFL-CIO Equity Index Fund	Mutual Fund	N/A	N/A	10,965,835	\$ 213,324,798	\$ 227,631,005
AQR Global Risk Premium Offshore Fund	Mutual Fund	N/A	N/A	323	50,000,000	58,759,909
Bell Australia Trust	Mutual Fund	N/A	N/A	2,178,263	32,838,392	193,992,533
Bell International Trust	Mutual Fund	N/A	N/A	927,963	9,277,623	19,647,402
Bluebay Global Funds SPC	Mutual Fund	N/A	N/A	903,610	80,273,894	82,833,913
Boston Company Emerging Markets Equity Fd	Mutual Fund	N/A	N/A	1,669	109,999,595	111,598,029
Frontier Mfg Core Infrastructure Fund	Mutual Fund	N/A	N/A	3,030,763	40,932,163	48,007,293
Invesco Balanced Risk Allocation Trust	Mutual Fund	N/A	N/A	4,769,862	96,975,376	96,494,309
Ishares Tr Russell 2000 Index Fund	Mutual Fund	N/A	N/A	80,907	11,236,371	11,870,306
JP Morgan Emerging Markets Equity Fund	Mutual Fund	N/A	N/A	9,047,899	157,831,123	184,667,626
JP Morgan Infrastructure Investments Fund	Mutual Fund	N/A	N/A	126,552	100,000,000	112,767,536
Loomis Sayles Bond Nhit	Mutual Fund	N/A	N/A	7,137,457	84,129,206	100,138,520
Lord Abbett International Small Cap Trust	Mutual Fund	N/A	N/A	75,000	75,000,000	96,355,500
NIS Preferred Stock Fund II	Mutual Fund	N/A	N/A	10,157,798	40,000,000	51,104,810
Northern Trust Aggregate Bond Index Fund	Mutual Fund	N/A	N/A	740,580	96,470,657	102,777,694
Northern Trust Russell 2000 Growth Index	Mutual Fund	N/A	N/A	444,443	125,734,242	137,267,665
Vanguard REIT Index Fund	Mutual Fund	N/A	N/A	1,564,294	27,528,332	28,548,367
Voya Senior Loan Trust Fund	Mutual Fund	N/A	N/A	6,431,471	94,173,741	104,479,878
Total Mutual and Other Funds					\$ 1,445,725,513	\$ 1,768,942,295

PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND
ALEXANDRIA, VIRGINIA

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES
AS OF JUNE 30, 2017

Form 5500, Schedule H, Line 4i

EIN: 52-6152779
Plan No. 001

		(c) Description of investment, including maturity date, rate of interest, collateral, par or maturity value					
(a)	(b)					(d)	(e)
	Identity of issuer, borrower, lessor or similar party	Description	Maturity Date	Rate of Interest		Cost	Current Value
<u>Real Estate Investment Funds</u>							
	AFL-CIO Building Investment Trust	CCT	N/A	N/A	30,209	\$ 40,357,586	\$ 203,973,513
	Multi Employer Property Trust	CCT	N/A	N/A	19,788	31,494,119	206,554,355
	Ullico J for Jobs Mortgage Fund	PSA	N/A	N/A	7,025,254	84,987,884	100,654,084
	Total Real Estate Funds					\$ 156,839,589	\$ 511,181,952
<u>Partnerships</u>							
	Boyd Watterson GSA Fund, LP	LP	N/A	N/A	N/A	\$ 48,000,000	\$ 52,644,635
	Clifton Commodities Fund, LP	LP	N/A	N/A	N/A	186,000,000	107,418,304
	Diplomat Properties LP, A Delaware Limited Partnership	LP	N/A	N/A	N/A	1,237,658	1,237,658
	Entrust Cap Div C Class Fund, LP	LP	N/A	N/A	N/A	12,885,658	10,009,273
	Gerding Edlen Green Cities II, LP	LP	N/A	N/A	N/A	27,092,441	36,346,805
	Gerding Edlen Green Cities III, LP	LP	N/A	N/A	N/A	14,516,629	16,354,152
	GESD Investors LP	LP	N/A	N/A	N/A	7,789,518	2,265,102
	Grosvenor CIS II Offshore Feeder Fund LP	LP	N/A	N/A	N/A	18,932,709	19,581,904
	Hamilton Lane Secondary Fund IV LP	LP	N/A	N/A	N/A	3,018,350	4,858,003
	Harrison Street Real Estate Partners IV, LP	LP	N/A	N/A	N/A	17,650,528	20,447,795
	Intercontinental Real Estate Investment Fund	LP	N/A	N/A	N/A	71,832	42,091
	Mesirow Finl Real Estate Value Fund, LP	LP	N/A	N/A	N/A	10,231,513	33,336,115
	Mesirow Finl Real Estate Value Fund II, LP	LP	N/A	N/A	N/A	43,320,873	49,896,116
	Mesirow Finl Private Equity Partnership Fd VI	LP	N/A	N/A	N/A	46,278,604	50,827,746
	Paladin Capital Partners Fund, LP	LP	N/A	N/A	N/A	29,207,831	190,399
	Pinnacle Natural Resources Offshore ERISA	LP	N/A	N/A	N/A	50,000,000	50,568,380
	Potomac Energy Fund, LP	LP	N/A	N/A	N/A	26,070,000	1,080,000
	Potomac Energy Fund II, LP	LP	N/A	N/A	N/A	41,099,135	1,000,000
	Realty Associate Fund VIII	LP	N/A	N/A	N/A	48,844,652	21,755,033
	Ullico Infrastructure Fund LP	LP	N/A	N/A	N/A	29,834,370	31,656,525
	Total Partnerships					\$ 662,082,301	\$ 511,516,036
<u>Investment Contract with Insurance Company</u>							
	Brighthouse Financial Annuity Insurance	GIC	N/A	N/A	N/A	\$ 1,802,646	\$ 1,802,646
						\$ 1,802,646	\$ 1,802,646
Total assets held for investment purposes						\$ 4,692,132,777	\$ 5,683,174,394

Exhibit 6

Schedule MB, Line 8b(2) - Schedule of Active Participant Data

AGE/SERVICE DISTRIBUTION OF ACTIVE PARTICIPANTS

PARTICIPANTS AS OF JULY 1, 2016

AGE	COMPLETED YEARS OF CREDITED SERVICE										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	
Under 25	0	1,855	560	0	0	0	0	0	0	0	2,415
25 to 29	0	2,453	3,248	632	0	0	0	0	0	0	6,333
30 to 34	0	1,848	3,514	3,128	332	0	0	0	0	0	8,822
35 to 39	0	1,393	2,539	3,393	2,161	197	0	0	0	0	9,683
40 to 44	0	878	1,827	2,370	2,594	1,423	104	0	0	0	9,196
45 to 49	0	566	1,574	1,785	2,196	1,938	1,089	132	0	0	9,280
50 to 54	0	385	1,201	1,433	2,003	1,629	1,536	1,034	171	0	9,392
55 to 59	0	289	898	977	1,473	1,262	1,156	1,271	1,168	5	8,499
60 to 64	0	112	435	477	696	548	495	518	743	9	4,033
65 to 69	0	27	116	108	103	84	72	70	89	4	673
70 & up	0	6	12	6	2	3	3	2	10	0	44
Total	0	9,812	15,924	14,309	11,560	7,084	4,455	3,027	2,181	18	68,370
Average Age =				43.7	Average Service =				12.8		

FOR PLAN YEAR COMMENCING JULY 1, 2016

**ANNUAL CERTIFICATION OF PLAN STATUS UNDER SECTION 432(b) OF THE
INTERNAL REVENUE CODE, (SEC. 305(b) OF THE EMPLOYEE RETIREMENT
INCOME SECURITY ACT OF 1974)**

FOR

PLUMBERS & PIPEFITTERS NATIONAL PENSION FUND

EIN: 52-6152779

PN: 001

Plan Year 7/1/2016

Fund Contact

William T. Sweeney, Jr.

Administrator

(703) 739-9020

September 28, 2016

Board of Trustees
Plumbers & Pipefitters National Pension Fund
103 Oronoco Street
Alexandria, Virginia 22314

September 28, 2016
EIN: 52-6152779
PN: 001
Phone: 703.739.9020

***Re: Annual Certification of Plan Status under Internal Revenue Code §432(b)
and Employee Retirement Income Security Act of 1974 §305(b)***

Dear Board of Trustees:

CERTIFICATION

As required by Section 432(b)(3) of the Internal Revenue Code ("Code") and Section 305(b)(3) of the Employee Retirement Income Security Act of 1974 ("ERISA"), we certify, for the plan year beginning July 1, 2016, that the Fund is classified as being in Endangered status as these terms are defined in Section 432(b) of the Code and Section 305(b) of ERISA as amended by the Multiemployer Pension Reform Act of 2014. In addition, the Fund is not projected to be classified as being in Critical status for the following five plan years.

To the best of our knowledge, this certification is complete and has been prepared in accordance with the requirements of Section 432 of the Code, Section 305 of ERISA, and generally recognized and accepted actuarial principles and practices that are consistent with the Code of Professional Conduct and applicable Actuarial Standards of Practice set out by the Actuarial Standards Board. Furthermore, as credentialed actuaries, we meet the Qualification Standards of the American Academy of Actuaries to render the opinion contained herein. This certification does not address any contractual or legal issues. We are not attorneys and our firm does not provide any legal services or advice.

This status certification was prepared exclusively for the Board of Trustees of the Plumbers and Pipefitters National Pension Fund and the Secretary of Treasury. It only certifies the condition of the Fund under Code Section 432 as added by the Pension Protection Act of 2006 and should be used only for that purpose. Other users of this certification are not intended users as defined in the Actuarial Standards of Practice, and Cheiron assumes no duty or liability to any other user.

In preparing this report, we have relied without audit, on information supplied by the Fund Office and the Fund's auditor. This information includes, but is not limited to, Plan provisions, employee data, financial information, and expectations of future industry activity. We performed an informal examination of the obvious characteristics of the data for reasonableness and consistency in accordance with Actuarial Standard of Practice #23. The material presented is based on the same Plan provisions, actuarial assumptions and data used in preparing the July 1, 2015 actuarial valuation of the Plan, unless otherwise noted.

Future reports may differ significantly from the current results presented in this report due to such factors as the following: plan experience differing from that anticipated by the assumptions; changes in assumptions; and, changes in plan provisions or applicable law.

The attached appendices show the results for the statutory tests and describe the methodologies and assumptions used to perform the tests. Please contact the undersigned with any questions.

Thank you.

Sincerely,



Kenneth A. Kent, FSA, FCA, EA (14-3776)

Kevin J. Woodrich, FSA, EA (14-7086)

cc: Secretary of the Treasury

Attachments

- Appendix I: Tests of Fund Status
- Appendix II: Detail for Actuarial Certification
- Appendix III: Methodology and Assumptions

APPENDIX I - TESTS OF FUND STATUS

Critical Status – The Fund will be certified as critical if it meets the conditions of any one of the five following tests: **Condition Met?**

- | | |
|--|----|
| 1 The Fund has a funded ratio of less than 65%, and the value of Fund assets plus projected contributions is less than the value of projected Fund benefits and expenses to be paid for the current and six succeeding plan years. | NO |
| 2 The Fund has a funded ratio of less than 65%, and is projected to have an accumulated funding deficiency for the current year or the next four plan years. | NO |
| 3 The Fund is projected to have an accumulated funding deficiency for the current plan year or the next three plan years. | NO |
| 4 Normal cost plus interest on the unfunded liabilities exceeds contributions, the present value of vested benefits of inactive exceeds the present value of vested benefits of active, and the Fund is projected to have a funded deficiency for the current plan year or the next four plan years. | NO |
| 5 The value of Plan assets plus projected contributions is less than the value of projected benefits and expenses to be paid for the current and four succeeding plan years. | NO |

Critical and Declining Status – The Fund will be certified as critical and declining if it meets test 6.

- | | |
|---|-----|
| 6 The Fund is critical and projected to become insolvent within the current or the next 14 (19 if the Fund's number of inactive is more than twice the number of active or if the funding level is below 80%) plan years. | N/A |
|---|-----|

Projected Critical Status – If the Fund is not in critical status, it will be eligible to elect to be in critical status for the year if it meets test 7 below:

- | | |
|--|----|
| 7 The Fund is projected to meet one of the tests above (1-5) in the following five plan years. | NO |
|--|----|

Endangered Status – The Fund will be certified as endangered if it is not in critical status and it meets either test 8 or test 9 below:

- | | |
|---|-----|
| 8 The ratio of assets to liabilities is less than 80% on the first day of the plan year. | YES |
| 9 The Fund is projected to have an accumulated funding deficiency for the current plan year or in any of the six succeeding plan years. | NO |

Seriously Endangered Status – The Fund will be certified as seriously endangered if it is not in critical status and meets both test 8 and test 9 above.

The Fund is certified as being in Endangered status for the Plan Year beginning July 1, 2016. The Fund is also not projected to be classified as being in Critical status for the following five plan years.

APPENDIX II - DETAIL FOR ACTUARIAL CERTIFICATION

A. DETERMINATION OF FUNDED PERCENTAGE as of July 1, 2016 (used in Tests 1 and 2)

Assets at Market Value as of June 30, 2016:

1. Most recent reported Market Value of Plan Assets ¹	\$	5,380,042,301
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Development of Actuarial Value of Assets:

1. Most recent reported Market Value of Plan Assets	\$	5,380,042,301
2. 75% of 2015-16 Preliminary (Gain)/Loss		335,500,095
3. 50% of 2014-15 (Gain)/Loss		132,696,063
4. 25% of 2013-14 (Gain)/Loss		(93,746,376)
5. 20% of 2008-9 (Gain)/Loss ²		297,867,409
6. Preliminary Actuarial Value of Assets (1+2+3+4+5)	\$	6,052,359,492
7. Corridor for Actuarial Value of Assets		
a. 80% of Market Value of Plan Assets	\$	4,304,033,841
b. 120% of Market Value of Plan Assets	\$	6,456,050,761
8. Actuarial Value of Assets (Greater of 6 and 7a, but not greater than 7b)	\$	6,052,359,492

Development of Unit Credit Liabilities:

1. Unit Credit Liabilities from Actuarial Valuation as of July 1, 2015		
a. Active liability	\$	2,493,677,472
b. Inactive liability		5,236,367,729
2. Adjustments ³		
a. To active liability		38,684,381
b. To inactive liability		81,231,694
3. Unit Credit Liabilities as of June 30, 2015 [1a. + 1b. + 2a. + 2b.]	\$	7,849,961,276

FUNDED PERCENTAGE = Actuarial Value of Assets / Unit Credit Liabilities	77.10%
--	---------------

¹ The Market Value of Plan Assets is based on the estimated value of Plan assets at time of certification based on reports provided by the Fund Office.

² Reflects the Trustees election of the 10-year smoothing of the 2008-9 net investment loss as provided by PRA 2010.

³ The Unit Credit Liabilities have been adjusted for the following:

- Accrual of benefits
- Accrual of interest
- Benefit payments

APPENDIX II - DETAIL FOR ACTUARIAL CERTIFICATION

B. PROJECTIONS

1a. Funding Standard Account Credit Balance without Extension (Used in Tests 2, 3, 4 and 7)

<u>Date</u>	<u>Credit Balance</u>	adjusted with interest to end of year		
		<u>Charges</u>	<u>Credits</u>	<u>Contributions</u>
7/1/2016	\$ 393,344,357	\$ 564,462,406	\$ 163,009,662	\$ 420,986,009
7/1/2017	442,378,449	532,575,961	163,009,662	422,061,972
7/1/2018	528,052,504	527,609,586	163,009,662	423,320,195
7/1/2019	626,376,713	514,883,681	97,394,034	425,416,815
7/1/2020	681,282,135	513,149,735	28,027,141	427,525,407
7/1/2021	674,781,108	517,782,520	28,027,141	429,633,514
7/1/2022	665,267,826	521,079,109	28,027,141	431,781,682
7/1/2023	653,892,627	520,090,674	28,027,141	433,940,590
7/1/2024	644,811,631	514,621,134	28,027,141	436,110,293
7/1/2025	642,688,803	516,590,693	28,027,141	438,290,845
7/1/2026	640,617,756			

1b. Funding Standard Account Credit Balance with Extension (Used in Test 9)

<u>Date</u>	<u>Credit Balance</u>	adjusted with interest to end of year		
		<u>Charges</u>	<u>Credits</u>	<u>Contributions</u>
7/1/2016	\$ 1,521,547,796	\$ 744,720,210	\$ 163,009,662	\$ 420,986,009
7/1/2017	1,474,939,341	776,423,099	163,009,662	422,061,972
7/1/2018	1,394,208,326	816,426,757	163,009,662	423,320,195
7/1/2019	1,268,677,050	832,313,699	97,394,034	425,416,815
7/1/2020	1,054,324,979	630,463,457	28,027,141	427,525,407
7/1/2021	958,488,444	619,845,406	28,027,141	429,633,514
7/1/2022	868,190,326	577,305,254	28,027,141	431,781,682
7/1/2023	815,808,169			

The projected funding standard account is based on the methods and assumptions set out in Appendix III. In addition, the projection of future contributions is based on the Trustees' estimate of future industry activity multiplied by the contribution rates contained in the collective bargaining agreements under which the Plan is maintained.

APPENDIX II - DETAIL FOR ACTUARIAL CERTIFICATION

2. Asset Projection (used in Tests 1, 5 and 7)

<u>Date</u>	<u>Market Value Assets</u>	<u>Projected Contributions</u>	<u>Projected Benefits and Expenses</u>	<u>Projected Investment Earnings</u>
7/1/2016	\$ 5,380,042,301	\$ 406,034,962	\$ 603,776,220	\$ 396,221,931
7/1/2017	5,578,522,974	407,072,713	625,405,485	410,349,759
7/1/2018	5,770,539,960	408,286,251	645,291,388	424,063,478
7/1/2019	5,957,598,301	410,308,411	663,130,736	437,510,432
7/1/2020	6,142,286,408	412,342,118	677,202,475	450,918,775
7/1/2021	6,328,344,826	414,375,357	691,034,904	464,438,685
7/1/2022	6,516,123,964	416,447,234	704,110,824	478,116,929
7/1/2023	6,706,577,302	418,529,470	714,994,660	492,076,836
7/1/2024	6,902,188,948	420,622,117	724,648,685	506,469,284
7/1/2025	7,104,631,665	422,725,228	732,625,964	521,436,189
7/1/2026	7,316,167,118	424,838,854	740,088,344	537,104,396
7/1/2027	7,538,022,023	426,963,048	746,175,500	553,597,589
7/1/2028	7,772,407,160			

Projected benefit payments reflect both projected changes in industry activity provided by the Trustees. Expenses include a 3.5% growth for inflation. Contribution projections include the assumption that total hours worked will improve by 5% for the Plan year beginning July 1, 2016, and an estimated annual contribution rate growth assumption of 0.5%. The projections use the balance of assumptions set out in Appendix III

APPENDIX III – METHODOLOGY AND ASSUMPTIONS

A. Actuarial Assumptions

1. Rate of Investment Return

Funding and disclosure purposes: 7.50% compounded annually
All investment returns are net of investment expenses.

The Plan's investment consultant recently reported an expected long term geometric return (net of investment expenses) of 7.8% per year based on the current portfolio. This expectation includes an additional 0.6% for alpha due to active management of the Plan's investments and is based on an inflation projection of 2.0% per year. Given this expectation, the 7.5% assumption is reasonable.

2. Rate of Mortality

Healthy Lives – RP-2000 Combined Mortality (Blue Collar) with ages set forward two years and 75% of the liability increase reflecting generational mortality improvements using Scale AA

Disabled Lives – RP-2000 Disabled Mortality with ages set forward two years and 75% of the liability increase reflecting generational mortality improvements using Scale AA.

3. Rate of Retirement

Annual retirements for eligible members (male and female) are based on the following table:

Age	Retirement Probability	Age	Retirement Probability
55	10.0%	63	25.0%
56	10.0	64	25.0
57	10.0	65	35.0
58	10.0	66	35.0
59	15.0	67	35.0
60	20.0	68	35.0
61	25.0	69	35.0
62	40.0	70	100.0

APPENDIX III – METHODOLOGY AND ASSUMPTIONS

4. Rate of Turnover

Illustrative rates of terminations are shown below:

Age	Rate (%)
25	9.38
30	8.75
35	8.13
40	7.60
45	7.10
50	6.60
55	6.10
60	5.60
63	0.00

5. Disability

Disability incidence rates are assumed to be 60.45% of the rates used under the Old Age Survivors and Disability Insurance Program. Illustrative rates are shown below:

Age	Rate (%)
25	0.05
30	0.07
35	0.09
40	0.13
45	0.22
50	0.37
55	0.61
60	0.98
62	1.18
65	0.00

6. Percent Married

Social Security awards during 1972. Sample rates as follows:

Age	Percent Married	
	Males	Females
40-44	71.4 %	63.1 %
45-49	73.3	61.0
50-54	75.7	64.0
55-59	77.0	57.6
60-64	74.0	49.5
65-69	69.6	22.7

7. Spouse's Age

It was assumed that husbands are three-years older than their spouses.

APPENDIX III – METHODOLOGY AND ASSUMPTIONS

8. Administrative Expenses

\$19,500,000 for the year added to the normal cost. For projection purposes, we assumed administrative expenses will increase by 3.5% per year.

9. Average Annual Service Credits

It was assumed actives will earn 1.02 years of service per year based on the average annual hours of service.

10. Future Benefit Accruals

The benefit accrual rate is calculated based on the contribution rate and benefit accrual schedule in effect as of January 1, 2015. We were provided information on those employers adopting the higher contribution rate for their members to be eligible for an accrual under Schedule D of the Plan. Employers who did not adopt the higher contribution rate for their members would be eligible for accrual under Schedule G of the Plan, which is a 75% reduction of the accruals under Schedule D. We assumed that this rate remained the same for benefit accruals on future service.

11. Rationale for Assumptions

With the exception of mortality which has been changed in each of the past two valuations, all other assumptions are based on the last experience review performed in 2007. The results of that study are incorporated here by reference. The assumptions continue to be closely monitored and the Trustees have recently approved an experience study be performed concurrent with the July 1, 2016 actuarial valuation.

12. Changes in Assumptions Since Last Valuation

The mortality for healthy and disabled lives has been updated to reflect an explicit assumption for mortality improvement.

APPENDIX III – METHODOLOGY AND ASSUMPTIONS

B. Actuarial Methods

1. Asset Valuation Method

Actuarial Value of Assets is based on the Market Value of Plan Assets less a portion of the actual market value returns that are more or less than expected returns. The gain or loss for the year equals the actual market value net investment income less the expected return on an actuarial value based on the net investment return assumption. 25% of the gain or loss is recognized each year for four years. However, the 2009 investment loss is recognized at a rate of 10% per plan year due to funding relief. The actuarial value is further adjusted to be within 20% of market value. If such a further adjustment is necessary, the gain or loss in the following year is adjusted by an amount equal to the adjustment, but of the opposite sign.

2. Funding Method for Funding:

The cost method for valuation of liabilities used for this valuation is the Unit Credit method. This is one of a family of valuation methods known as accrued benefit methods. The chief characteristic of accrued benefit methods is that the funding pattern follows the pattern of benefit accrual. The normal cost is determined as that portion of each participant's benefit attributable to service expected to be earned in the upcoming plan year. The actuarial liability, which is determined for each participant as of each valuation date, represents the actuarial present value of the portion of each participant's benefit attributable to service earned prior to the valuation date.

3. Funding Method for Accrued Benefits:

Same as for funding.

4. PRA 2010 Funding Relief

The Fund's Board of Trustees elected funding relief under § 431(b)(8) of the Code and § 304(b)(8) of ERISA, specifically:

- The “special amortization rule,” which allows the Plan's investment losses for the plan year ended June 30, 2009 to be separately amortized over 29 years, whereas they were previously required to be amortized over 15 years.
- The “special asset valuation rule” in determining the actuarial value of plan assets which allows the Plan to recognize the 2009 loss over 10 years, at 10% per year. Prior to the relief, this investment loss would be recognized over four years, or 25% per year.

Exhibit 1

Schedule MB, Line 4a – Illustration Supporting Actuarial Certification of Status

The ratio of assets to liabilities was less than 80% on the first day of the Plan year. Further support can be found on the attached actuarial certification.

Schedule MB, Line 4c – Documentation Regarding Progress under Funding Improvement Plan or Rehabilitation Plan

The Plan's Funding Improvement Plan (FIP) began on July 1, 2012. The funded ratio was 76.8% as of this date. In the year in which the FIP was adopted, the Plan was certified as Seriously Endangered. Based on the Plan's reasonably anticipated experience and actuarial assumptions, the Plan is projected to have a funded ratio greater than 81.4% by June 30, 2027 and no funding deficiency is expected. At the time the actuarial certification for the current Plan year (July 1, 2017 – June 30, 2018) was prepared, the Plan was projected to have a funded ratio of 90.5% as of June 30, 2027. Therefore, the Funding Improvement Plan is making the scheduled progress as required by the Pension Protection Act.

Exhibit 7

Schedule MB, Line 9c and 9h - Schedule of Funding Standard Account Basis

Table IV-5 Schedule of Amortizations Required for Minimum Required Contribution as of July 1, 2016				
Type of Base	Date Established	7/1/2016 Outstanding Balance	Remaining Amortization Years	Beginning of Year Amount
CHARGES				
1. Change Assumptions	7/1/2001	\$ 6,959,702	20	\$ 635,062
2. Experience Loss	7/1/2001	61,703,127	5	14,186,825
3. Plan Amendment	7/1/2001	215,868,725	20	19,697,708
4. Combined Base	7/1/2001	694,465,038	4	192,878,789
5. Plan Amendment	7/1/2002	109,584,776	21	9,789,169
6. Experience Loss	7/1/2002	215,150,620	6	42,638,827
7. Plan Amendment	7/1/2003	112,406,306	22	9,848,557
8. Experience Loss	7/1/2003	178,978,558	7	31,433,683
9. Benefit Level Increase	7/1/2004	91,034,956	23	7,836,228
10. Experience Loss	7/1/2004	130,323,339	8	20,697,409
11. Experience Loss	7/1/2005	36,898,514	9	5,380,907
12. Benefit Change	7/1/2006	26,713,899	25	2,229,322
13. Plan Amendment	7/1/2007	16,691,313	26	1,374,116
14. Change Assumptions	7/1/2007	67,209,405	26	5,533,029
15. Plan Merger	7/1/2008	4,698,505	12	565,034
16. Experience Loss	7/1/2008	17,357,819	12	2,087,425
17. Plan Merger	7/1/2009	15,841,349	13	1,813,491
18. Recognized Eligible Net Investment Los	7/1/2009	811,852,645	22	71,131,032
19. Bifurcation Base	7/1/2009	37,161,833	13	4,254,225
20. Recognized Eligible Net Investment Los	7/1/2010	49,997,658	22	4,380,579
21. Recognized Eligible Net Investment Los	7/1/2012	71,369,505	22	6,253,088
22. Bifurcation Base	7/1/2012	47,539,228	11	6,045,109
23. Recognized Eligible Net Investment Los	7/1/2013	241,310,266	22	21,142,566
24. Change Assumptions	7/1/2014	10,319,779	13	1,181,391
25. Recognized Eligible Net Investment Los	7/1/2014	254,446,617	22	22,293,517
24. Change Assumptions	7/1/2015	4,333,012	14	474,807
25. Experience Loss	7/1/2015	220,747,776	14	24,189,310
26. Plan Merger	7/1/2016	10,536,958	15	1,110,421
27. Experience Loss	7/1/2016	269,020,124	15	28,350,276
TOTAL CHARGES		\$ 4,030,521,352		\$ 559,431,902

Exhibit 7

Schedule MB, Line 9c and 9h - Schedule of Funding Standard Account Basis

Table IV-6 Schedule of Amortizations Required for Minimum Required Contribution as of July 1, 2016				
Type of Base	Date Established	7/1/2016 Outstanding Balance	Remaining Amortization Years	Beginning of Year Amortization Amount
CREDITS				
1. Combined Credit	7/1/2013	\$ 402,967,487	3.50	\$ 125,565,136
2. Bifurcation Base	7/1/2014	227,744,068	13	26,071,759
3. Change Assumptions	7/1/2016	<u>58,014,346</u>	15	<u>6,113,753</u>
TOTAL CREDITS		<u>\$ 688,725,901</u>		<u>\$ 157,750,648</u>
NET CHARGE		\$ 3,341,795,451		\$ 401,681,254

Exhibit 8

Schedule MB, Line 11 - Justification for Changes in Actuarial Assumptions

The interest assumption for the measurement of the current liabilities for minimum funding was decreased from 3.34% to 3.18%. Pursuant to regulation, the mortality table for RPA '94 current liability calculations was also changed.

Using data from July 1, 2010 through June 30, 2015, a review of all economic and demographic assumptions was performed in September 2016. The results of this study yielded recommendations to change the retirement, termination, disability and new entrant assumptions. These new assumptions were implemented concurrent with the July 1, 2016 valuation.

Exhibit 4
Schedule MB, Line 6 – Statement of Actuarial Assumptions / Methods

A. Actuarial Assumptions

Rationale for Economic and Demographic Assumptions

Assumptions were set on the basis of recommendations made by Cheiron as a result of an experience study presented in September 2016 to the Board of Trustees. This study analyzed experience between July 1, 2010 and June 30, 2015. This presentation is incorporated by reference as the rationale for both economic and demographic assumptions. Furthermore, the Fund's investment consultant was projecting a long-term annual return of 7.8% at the time of the experience study.

1. Rate of Investment Return

Funding and disclosure purposes: 7.50% compounded annually

Current Liability under RPA 1994: Minimum funding 3.18%

All investment returns are net of investment expenses.

2. Rate of Mortality

(a) Funding:

Healthy Lives – RP-2000 Combined Mortality (Blue Collar) with ages set forward two years and generational mortality improvement using 75% of Scale AA.

Disabled Lives – RP-2000 Disabled Mortality with ages set forward two years and generational mortality improvements using 75% of Scale AA.

(b) RPA '94 Current Liability:

2016 Current Liability Mortality Table pursuant to Internal Revenue Service

3. Rate of Retirement

Annual retirements for eligible members (male and female) are based on the following table:

Age	Retirement Probability	Age	Retirement Probability
55	10.0 %	63	30.0 %
56	10.0	64	30.0
57	10.0	65	35.0
58	10.0	66	45.0
59	15.0	67	45.0
60	20.0	68	32.5
61	25.0	69	32.5
62	40.0	70	100.0

Exhibit 4
Schedule MB, Line 6 – Statement of Actuarial Assumptions / Methods

Terminated vested participants are assumed to retire as follows:

Age	Retirement Probability
62	50.0%
63	30.0
64	30.0
65	100.0

4. Rate of Turnover

Illustrative rates of terminations are shown below:

Years of Service	Rate (%)
1	15.00
2	13.00
3	11.00
4	9.00
5-12	7.00
13-14	6.00
15	5.50
16-18	5.00
19-27	4.00
28-38	3.00
39 & Up	2.50

5. Disability

Illustrative disability incidence rates are shown below:

Age	Rate (%)
25	0.026
30	0.033
35	0.045
40	0.067
45	0.109
50	0.367
55	0.762
60	1.229
62	1.473
65	0.000

6. Percent Married

Social Security awards during 1972. Sample rates as follows:

Age	Percent Married	
	Males	Females
40-44	71.4%	63.1%
45-49	73.3	61.0
50-54	75.7	64.0
55-59	77.0	57.6
60-64	74.0	49.5
65-69	69.9	22.7

Exhibit 4
Schedule MB, Line 6 – Statement of Actuarial Assumptions / Methods

7. Spouse's Age

It is assumed that husbands are three-years older than their spouses.

8. Administrative Expenses

\$19,500,000 as of the beginning of the year is added to the normal cost.

9. Average Annual Service Credits

It is assumed actives will earn 1.02 years of service per year based on the average annual hours of service.

10. Load for New Entrants

A 2.5% load was applied to the normal cost to anticipate accruals for new entrants in the upcoming plan year.

11. Assumption for Suspended Retirees

Benefit payments were assumed to resume on the valuation date for retirees currently under suspension.

12. Future Benefit Accruals

The benefit accrual rate is calculated based on the contribution rate and benefit accrual schedule in effect as of January 1, 2016. We were provided information on those employers adopting the higher contribution rate for their members to be eligible for accrual under Schedule D of the

Plan. Employers who did not adopt the higher contribution rate for their members would be eligible for accrual under Schedule G of the Plan, which is a 75% reduction of the accrual under Schedule D. We assumed that this rate remained the same for benefit accrual on future service.

13. Changes in Assumptions Since Last Valuation

The interest assumption for the measurement of the current liabilities for minimum funding was decreased from 3.34% to 3.18%. Pursuant to regulation, the mortality table for RPA '94 current liability calculations was also changed.

Using data from July 1, 2010 through June 30, 2015, a review of all economic and demographic assumptions was performed in September 2016. The results of this study yielded recommendations to change the retirement, termination, disability and new entrant assumptions. These new assumptions were implemented concurrent with the July 1, 2016 valuation.

Exhibit 4
Schedule MB, Line 6 – Statement of Actuarial Assumptions / Methods

B. Actuarial Methods

1. Asset Valuation Method

Actuarial asset value is based on the Market Value of Assets less a portion of the actual market value returns that are more or less than expected returns. The gain or loss for the year equals the actual market value net investment income less the expected return on an actuarial value based on the net investment return assumption. 25% of the gain or loss is recognized each year for four years. However, the 2009 investment loss is recognized at a rate of 10% per Plan year due to PRA 2010 Funding Relief. The actuarial value is further adjusted to be within 20% of market value. If such a further adjustment is necessary, the gain or loss in the following year is adjusted by an amount equal to the adjustment, but of the opposite sign.

2. Funding Method: Unit Credit Cost Method

The cost method for valuation of liabilities used for this valuation is the Unit Credit method. This is one of a family of valuation methods known as accrued benefit methods. The chief characteristic of accrued benefit methods is that the funding pattern follows the pattern of benefit accrual. The normal cost is determined as that portion of each participant's benefit attributable to service expected to be earned in the upcoming plan year. The Actuarial Liability, which is determined for each participant as of each valuation date, represents the actuarial present value of the portion of each participant's benefit attributable to service earned prior to the valuation date.

One of the significant effects of this funding method is that, depending on the demographics of the population, the Unit Credit method tends to produce lower costs in the early years. There is a possibility that as the population ages, the annual cost would increase over time.

3. Active Participants

- (a) Active Data Collection Date: January 1, 2016
- (b) Active participants include all employees who had at least one year of earned future service credit as of the data collection date.
- (c) For purposes of the valuation, the active data was rolled forwarded by six months to the valuation date.

4. PRA 2010 Funding Relief

The Fund's Board of Trustees elected funding relief under § 431(b)(8) of the Code and § 304(b)(8) of ERISA, specifically:

- The "special amortization rule," which allows the Plan's investment losses for the plan year ended June 30, 2009 to be separately amortized over 29 years, whereas they were previously required to be amortized over 15 years.

Exhibit 4

Schedule MB, Line 6 – Statement of Actuarial Assumptions / Methods

- The “special asset valuation rule” in determining the actuarial value of plan assets which allows the Plan to recognize the 2009 loss over 10 years, at 10% per year. Prior to the relief, this investment loss would be recognized over four years, or 25% per year.

5. Changes in Methods Since Last Valuation

None.

Exhibit 5

Schedule MB, Line 8b(1) – Projection of Expected Benefit Payments

Plan Year ending June 30,	Expected Annual Benefit Payments
2017	\$ 578,969,772
2018	\$ 600,625,324
2019	\$ 619,071,657
2020	\$ 634,100,265
2021	\$ 646,732,066
2022	\$ 655,239,398
2023	\$ 662,299,501
2024	\$ 666,812,011
2025	\$ 669,310,722
2026	\$ 669,448,369

Notes on the Expected Annual Benefit Payments:

- Based on the 2016 funding assumptions
- Amounts are payable mid-year
- Per the 5500 instructions, they do not include additional accruals, new entrants or expected expenses

Form 5500Department of the Treasury
Internal Revenue ServiceDepartment of Labor
Employee Benefits Security
Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**OMB Nos. 1510-0046
1510-0089**2016****This Form is Open to
Public Inspection****Part I Annual Report Identification Information**For calendar plan year 2016 or fiscal plan year beginning **07/01/2016** and ending **06/30/2017**

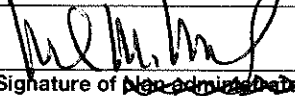
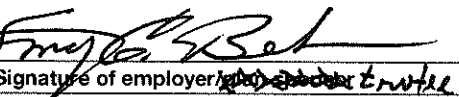
- A** This return/report is for: ☒ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instr.)
- B** This return/report is: ☐ a single-employer plan ☐ a DFE (specify) _____
☐ the first return/report ☐ the final return/report
☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
- C** If the plan is a collectively-bargained plan, check here ☒
- D** Check box if filing under: ☐ Form 5558 ☒ automatic extension ☐ the DFVC program
☐ special extension (enter description) _____

Part II Basic Plan Information - enter all requested information

1a Name of plan PLUMBERS AND PIPEFITTERS NATIONAL PENSION FUND		1b Three-digit plan number (PN) ▶ 001
		1c Effective date of plan 07/23/1968
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) B/O/T PLUMBERS & PIPEFITTERS NATIONAL PENSION FUND 103 ORONOCO STREET ALEXANDRIA VA 22314-2015		2b Employer Identification Number (EIN) 52-6152779 2c Plan Sponsor's telephone number 703-739-9020 2d Business code (see instructions) 525100

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE		02/07/2018	Mark McManus
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE		02/07/2018	Jm. Hy Belcher
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE
Preparer's name (including firm name, if applicable) and address (include room or suite number)			Preparer's telephone number

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2016)
v. 160205

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name		4b EIN 4c PN
5 Total number of participants at the beginning of the plan year	5 158,408	
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1), 6a(2), 6b, 6c, and 6d).		
a(1) Total number of active participants at the beginning of the plan year	6a(1) 74,629	
a(2) Total number of active participants at the end of the plan year	6a(2) 76,905	
b Retired or separated participants receiving benefits	6b 41,275	
c Other retired or separated participants entitled to future benefits	6c 36,177	
d Subtotal. Add lines 6a(2), 6b, and 6c	6d 154,357	
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	6e 6,612	
f Total. Add lines 6d and 6e	6f 160,969	
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g	
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	6h 1,825	
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7 5,214	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
1A

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)	9b Plan benefit arrangement (check all that apply)
(1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	(1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
 (2) ☒ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
 (3) ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1) ☒ **H** (Financial Information)
 (2) ☐ **I** (Financial Information - Small Plan)
 (3) ☒ **2 A** (Insurance Information)
 (4) ☒ **C** (Service Provider Information)
 (5) ☒ **D** (DFE/Participating Plan Information)
 (6) ☒ **G** (Financial Transaction Schedules)

**SCHEDULE MB
(Form 5500)**Department of the Treasury
Internal Revenue ServiceDepartment of Labor
Employee Benefits Security Administration
Pension Benefit Guaranty Corporation**Multiemployer Defined Benefit Plan and Certain
Money Purchase Plan Actuarial Information**

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2016**This Form is Open to Public
Inspection**For calendar plan year 2016 or fiscal plan year beginning 07/01/2016 and ending 06/30/2017▶ **Round off amounts to nearest dollar.**▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan Plumbers and Pipefitters National Pension Plan	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF B/O/T Plumbers & Pipefitters National Pension Plan	D Employer Identification Number (EIN) 52-6152779

E Type of plan: (1) ☒ Multiemployer Defined Benefit (2) ☐ Money Purchase (see instructions)**1a** Enter the valuation date: Month 7 Day 1 Year 2016**b** Assets

(1) Current value of assets	1b(1)	5,339,835,784
(2) Actuarial value of assets for funding standard account	1b(2)	6,057,443,691
c (1) Accrued liability for plan using immediate gain methods	1c(1)	7,880,909,956
(2) Information for plans using spread gain methods:		
(a) Unfunded liability for methods with bases	1c(2)(a)	
(b) Accrued liability under entry age normal method	1c(2)(b)	
(c) Normal cost under entry age normal method	1c(2)(c)	
(3) Accrued liability under unit credit cost method	1c(3)	7,880,909,956
d Information on current liabilities of the plan:		
(1) Amount excluded from current liability attributable to pre-participation service (see instructions)	1d(1)	
(2) "RPA '94" information:		
(a) Current liability	1d(2)(a)	14,469,959,911
(b) Expected increase in current liability due to benefits accruing during the plan year	1d(2)(b)	326,383,280
(c) Expected release from "RPA '94" current liability for the plan year	1d(2)(c)	569,978,046
(3) Expected plan disbursements for the plan year	1d(3)	599,187,802

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

**SIGN
HERE**

Signature of actuary

Kevin Woodrich, FSA, EA

Type or print name of actuary

Cheiron, Inc.

Firm name

9115 Harris Corners Parkway
Suite 380
Charlotte

NC 28269

Address of the firm

3/21/2018

Date

17-07086

Most recent enrollment number

(703) 893-1456

Telephone number (including area code)

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule MB (Form 5500) 2016
v. 160205

2 Operational information as of beginning of this plan year:

a Current value of assets (see instructions)	2a	5,339,835,784
b "RPA '94" current liability/participant count breakdown:		
(1) For retired participants and beneficiaries receiving payment	(1) Number of participants	(2) Current liability
(2) For terminated vested participants	48,348	6,935,030,888
(3) For active participants:	26,837	1,872,837,823
(a) Non-vested benefits		284,584,995
(b) Vested benefits		5,377,506,205
(c) Total active	68,370	5,662,091,200
(4) Total	143,555	14,469,959,911
c If the percentage resulting from dividing line 2a by line 2b(4), column (2), is less than 70%, enter such percentage	2c	36.90 %

3 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
01/01/2017	397,244,555				
Totals ▶			3(b)	397,244,555	3(c) 0

4 Information on plan status:

a Funded percentage for monitoring plan's status (line 1b(2) divided by line 1c(3))	4a	76.9 %
b Enter code to indicate plan's status (see instructions for attachment of supporting evidence of plan's status). If code is "N," go to line 5	4b	E
c Is the plan making the scheduled progress under any applicable funding improvement or rehabilitation plan? ☒ Yes ☐ No		
d If the plan is in critical status or critical and declining status, were any benefits reduced (see instructions)? ☐ Yes ☐ No		
e If line d is "Yes," enter the reduction in liability resulting from the reduction in benefits (see instructions), measured as of the valuation date	4e	
f If the rehabilitation plan projects emergence from critical status or critical and declining status, enter the plan year in which it is projected to emerge. If the rehabilitation plan is based on forestalling possible insolvency, enter the plan year in which insolvency is expected and check here	4f	

5 Actuarial cost method used as the basis for this plan year's funding standard account computations (check all that apply):

a ☐ Attained age normal	b ☐ Entry age normal	c ☒ Accrued benefit (unit credit)	d ☐ Aggregate
e ☐ Frozen initial liability	f ☐ Individual level premium	g ☐ Individual aggregate	h ☐ Shortfall
i ☐ Other (specify):			

j If box h is checked, enter period of use of shortfall method	5j	
k Has a change been made in funding method for this plan year?		☐ Yes ☒ No
l If line k is "Yes," was the change made pursuant to Revenue Procedure 2000-40 or other automatic approval?		☐ Yes ☐ No
m If line k is "Yes," and line l is "No," enter the date (MM-DD-YYYY) of the ruling letter (individual or class) approving the change in funding method	5m	

6 Checklist of certain actuarial assumptions:

a Interest rate for "RPA '94" current liability.....	6a	3.18 %
	Pre-retirement	Post-retirement
b Rates specified in insurance or annuity contracts.....	☐ Yes ☐ No ☒ N/A	☐ Yes ☐ No ☒ N/A
c Mortality table code for valuation purposes:		
(1) Males	6c(1)	11P+2
(2) Females	6c(2)	11FP+2
d Valuation liability interest rate	6d	7.50 %
e Expense loading	6e	15.7 % ☐ N/A ☒ %
f Salary scale	6f	% ☐ N/A ☒ %
g Estimated investment return on actuarial value of assets for year ending on the valuation date	6g	3.6 %
h Estimated investment return on current value of assets for year ending on the valuation date	6h	-1.2 %

7 New amortization bases established in the current plan year:

(1) Type of base	(2) Initial balance	(3) Amortization Charge/Credit
4	-58,014,346	-6,113,753
1	269,020,124	28,350,276
3	10,536,958	1,110,421

8 Miscellaneous information:

a If a waiver of a funding deficiency has been approved for this plan year, enter the date (MM-DD-YYYY) of the ruling letter granting the approval.....	8a	
b(1) Is the plan required to provide a projection of expected benefit payments? (See the instructions.) If "Yes," attach a schedule.....		☒ Yes ☐ No
b(2) Is the plan required to provide a Schedule of Active Participant Data? (See the instructions.) If "Yes," attach a schedule.....		☒ Yes ☐ No
c Are any of the plan's amortization bases operating under an extension of time under section 412(e) (as in effect prior to 2008) or section 431(d) of the Code?		☒ Yes ☐ No
d If line c is "Yes," provide the following additional information:		
(1) Was an extension granted automatic approval under section 431(d)(1) of the Code?		☒ Yes ☐ No
(2) If line 8d(1) is "Yes," enter the number of years by which the amortization period was extended	8d(2)	5
(3) Was an extension approved by the Internal Revenue Service under section 412(e) (as in effect prior to 2008) or 431(d)(2) of the Code?		☐ Yes ☒ No
(4) If line 8d(3) is "Yes," enter number of years by which the amortization period was extended (not including the number of years in line (2))	8d(4)	
(5) If line 8d(3) is "Yes," enter the date of the ruling letter approving the extension	8d(5)	
(6) If line 8d(3) is "Yes," is the amortization base eligible for amortization using interest rates applicable under section 6621(b) of the Code for years beginning after 2007?		☐ Yes ☐ No
e If box 5h is checked or line 8c is "Yes," enter the difference between the minimum required contribution for the year and the minimum that would have been required without using the shortfall method or extending the amortization base(s)	8e	-180,257,802

9 Funding standard account statement for this plan year:**Charges to funding standard account:**

a Prior year funding deficiency, if any	9a	0
b Employer's normal cost for plan year as of valuation date.....	9b	143,377,033
c Amortization charges as of valuation date:		
(1) All bases except funding waivers and certain bases for which the amortization period has been extended	9c(1)	4,030,521,352
(2) Funding waivers	9c(2)	0
(3) Certain bases for which the amortization period has been extended	9c(3)	0
d Interest as applicable on lines 9a, 9b, and 9c.....	9d	52,710,670
e Total charges. Add lines 9a through 9d.....	9e	755,519,605

Credits to funding standard account:

f Prior year credit balance, if any.....	9f	1,518,329,186
g Employer contributions. Total from column (b) of line 3.....	9g	397,244,555
	Outstanding balance	
h Amortization credits as of valuation date.....	9h	688,725,901
i Interest as applicable to end of plan year on lines 9f, 9g, and 9h.....	9i	140,333,353

j Full funding limitation (FFL) and credits:

(1) ERISA FFL (accrued liability FFL).....	9j(1)	4,517,988,920
(2) "RPA '94" override (90% current liability FFL).....	9j(2)	7,320,386,369
(3) FFL credit.....	9j(3)	0
k (1) Waived funding deficiency.....	9k(1)	0
(2) Other credits.....	9k(2)	0
l Total credits. Add lines 9f through 9i, 9j(3), 9k(1), and 9k(2).....	9l	2,213,657,742
m Credit balance: If line 9l is greater than line 9e, enter the difference.....	9m	1,458,138,137
n Funding deficiency: If line 9e is greater than line 9l, enter the difference.....	9n	

9 o Current year's accumulated reconciliation account:

(1) Due to waived funding deficiency accumulated prior to the 2016 plan year.....	9o(1)	0
(2) Due to amortization bases extended and amortized using the interest rate under section 6621(b) of the Code:		
(a) Reconciliation outstanding balance as of valuation date.....	9o(2)(a)	0
(b) Reconciliation amount (line 9c(3) balance minus line 9o(2)(a)).....	9o(2)(b)	0
(3) Total as of valuation date.....	9o(3)	0
10 Contribution necessary to avoid an accumulated funding deficiency. (See instructions.).....	10	0
11 Has a change been made in the actuarial assumptions for the current plan year? If "Yes," see instructions.....	☒ Yes ☐ No	