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

2018

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

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.)
- [X] 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. . . . . ▶ [X]

D Check box if filing under:
- [X] Form 5558
- [ ] automatic extension
- [ ] the DFVC program
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
COVIA HOLDINGS CORPORATION PENSION PLAN

1b Three-digit plan number (PN) ▶ 003

1c Effective date of plan 06/01/1960

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)
COVIA HOLDINGS CORPORATION

3 SUMMIT PARK DRIVE, SUITE 700
INDEPENDENCE, OH 44131

2b Employer Identification Number (EIN)
13-2656671

2c Plan Sponsor's telephone number
440-214-3244

2d Business code (see instructions)
212320

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.	10/15/2019	KEITH FEICKS
	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

3a Plan administrator's name and address ☐ Same as Plan Sponsor

COVIA HOLDINGS CORPORATION

3 SUMMIT PARK DRIVE, SUITE 700
INDEPENDENCE, OH 44131

3b Administrator's EIN: 13-2656671

3c Administrator's telephone number: 440-214-3244

4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:

a Sponsor's name: UNIMIN CORPORATION

c Plan Name: UNIMIN CORPORATION PENSION PLAN

4b EIN: 13-2656671

4d PN: 003

5 Total number of participants at the beginning of the plan year	**5**	1259
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)**	719
a(2) Total number of active participants at the end of the plan year	**6a(2)**	469
b Retired or separated participants receiving benefits	**6b**	185
c Other retired or separated participants entitled to future benefits	**6c**	341
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	995
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	81
f Total. Add lines **6d** and **6e**.	**6f**	1076
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 who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

1A 1B 3H

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	☐	**(1)** Insurance	☐
(2) Code section 412(e)(3) insurance contracts	☐	**(2)** Code section 412(e)(3) insurance contracts	☐
(3) Trust	☒	**(3)** Trust	☒
(4) General assets of the sponsor	☐	**(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)** ☐ 0 **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 2018 Form M-1 annual report. If the plan was not required to file the 2018 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 SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit 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

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

▶ **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
COVIA HOLDINGS CORPORATION PENSION PLAN

B Three-digit plan number (PN) ▶ 003

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
COVIA HOLDINGS CORPORATION

D Employer Identification Number (EIN)
13-2656671

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2018

2 Assets:

a Market value	**2a**	119745946
b Actuarial value	**2b**	119745946

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	262	25037947	25037947
b For terminated vested participants	278	13250276	13250276
c For active participants	719	91197494	96792020
d Total	1259	129485717	135080243

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	**4a**	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	**4b**	
5 Effective interest rate	**5**	3.84 %
6 Target normal cost	**6**	7430662

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

06/07/2019
Date

THOMAS L. MOSHER, FSA
Type or print name of actuary

17-04490
Most recent enrollment number

BUCK GLOBAL, LLC
Firm name

203-858-3277
Telephone number (including area code)

420 LEXINGTON AVENUE
SUITE 2220
NEW YORK, NY 10171
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 [ ]

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	11098187
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	4475870
9	Amount remaining (line 7 minus line 8)	0	6622317
10	Interest on line 9 using prior year's actual return of 9.75 %	0	645676
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		4721333
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 4.41%		10825
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		436397
	c Total available at beginning of current plan year to add to prefunding balance		5168555
	d Portion of (c) to be added to prefunding balance		4929246
12	Other reductions in balances due to elections or deemed elections	0	515488
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	11681751

Part III Funding Percentages

14	Funding target attainment percentage	14	80.00%
15	Adjusted funding target attainment percentage	15	80.00%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	83.52%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls

18 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
04/10/2018	2530901	0			
			Totals ► 18(b)	2530901	18(c) 0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
	a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
	b Contributions made to avoid restrictions adjusted to valuation date	19b	0
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	2505166

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] Yes [ ] No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment: %	2nd segment: %	3rd segment: %	[X] N/A, full yield curve used

b Applicable month (enter code) **21b**

22 Weighted average retirement age	**22**	64

23 Mortality table(s) (see instructions)

Prior regulation: [ ] Prescribed - combined [X] Prescribed - separate [ ] Substitute

Current regulation: [ ] Prescribed - combined [ ] Prescribed - separate [ ] Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ..... [X] Yes [ ] No

25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ..... [ ] Yes [X] No

26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ..... [X] Yes [ ] No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	**27**	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	**28**	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	**29**	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	**30**	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6)	**31a**	7430662
b Excess assets, if applicable, but not greater than line 31a	**31b**	0

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	27016048	5012805
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	12443467

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	9938301	9938301

36 Additional cash requirement (line 34 minus line 35)	**36**	2505166
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	2505166

38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36)	**38a**	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:

a Schedule elected ..... [ ] 2 plus 7 years [ ] 15 years

b Eligible plan year(s) for which the election in line 41a was made ..... [ ] 2008 [ ] 2009 [ ] 2010 [ ] 2011

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.**	**2018** **This Form is Open to Public Inspection.**

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
COVIA HOLDINGS CORPORATION PENSION PLAN

B Three-digit plan number (PN) ▶ 003

C Plan sponsor's name as shown on line 2a of Form 5500
COVIA HOLDINGS CORPORATION

D Employer Identification Number (EIN)
13-2656671

Part I Service Provider Information (see instructions)

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

(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

(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

(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

(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)

OPPENHEIMER ASSET MANAGEMENT

74-2154744

(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 50	NONE	306385	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

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

CONNORS INVESTOR SERVICES, INC.

23-1716484

(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 50 51	NONE	115500	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

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

NUVEEN ASSET MANAGEMENT

27-4357327

(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 50 51	NONE	82418	Yes [ ] No [X]	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)

BANK OF AMERICA

94-1687665

(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?
21 25 31 50 52 62	NONE	57313	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [ ]

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

ACR ALPINE INVESTMENT MANAGEMENT

95-3893480

(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 50 51	NONE	55898	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

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

(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?
			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: ERNST & YOUNG LLP
b EIN: 34-6565596
c Position: ACCOUNTANT
d Address: 5 TIMES SQUARE
NEW YORK, NY 10036-6530
e Telephone: 212-773-3000

Explanation: TERMINATION DUE TO THE MERGER OF UNIMIN CORP & FAIRMOUNT SANTROL WHICH BECAME COVIA.

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 H (Form 5500)

Department of the Treasury
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

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
COVIA HOLDINGS CORPORATION PENSION PLAN

B Three-digit plan number (PN) ▶ 003

C Plan sponsor's name as shown on line 2a of Form 5500
COVIA HOLDINGS CORPORATION

D Employer Identification Number (EIN)
13-2656671

Part I Asset and Liability Statement

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		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	850519	0
(2) Participant contributions	1b(2)		
(3) Other	1b(3)	2467558	2274160
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	10259626	3524383
(2) U.S. Government securities	1c(2)	10076512	9433538
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	45131625	39554885
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)	5438928	5545143
(5) Partnership/joint venture interests	1c(5)		
(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)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	42532600	34656793
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)	0	0

			(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:			
	(1) Employer securities	1d(1)		
	(2) Employer real property	1d(2)		
e	Buildings and other property used in plan operation	1e		
f	Total assets (add all amounts in lines 1a through 1e)	1f	116757368	94988902
	Liabilities			
g	Benefit claims payable	1g		
h	Operating payables	1h	1786770	2297716
i	Acquisition indebtedness	1i		
j	Other liabilities	1j	245723	189937
k	Total liabilities (add all amounts in lines 1g through1j)	1k	2032493	2487653
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	114724875	92501249

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)	7592703	
	(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)		7592703
b	**Earnings on investments:**			
	(1) Interest:			
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	101469	
	(B) U.S. Government securities	2b(1)(B)	120365	
	(C) Corporate debt instruments	2b(1)(C)	1738302	
	(D) Loans (other than to participants)	2b(1)(D)		
	(E) Participant loans	2b(1)(E)		
	(F) Other	2b(1)(F)	111223	
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		2071359
	(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
	(B) Common stock	2b(2)(B)	187606	
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	1183502	
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		1371108
	(3) Rents	2b(3)		
	(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)	119359417	
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)	120152733	
	(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		-793316
	(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)		
	(B) Other	2b(5)(B)	-7832707	
	(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		-7832707

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-1522761
c Other income	2c		1519522
d Total income. Add all **income** amounts in column (b) and enter total	2d		2405908
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	24008875	
(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)		24008875
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)	57313	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	563346	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		620659
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		24629534
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		-22223626
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)** [X] Disclaimer **(4)** [ ] Adverse

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

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

(1) Name: MEADEN & MOORE, LTD. **(2)** EIN: 34-1818258

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:

		Yes	No	Amount
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.)	4a		X	
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.)	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		10000000
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			
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			

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

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 4150630. (See instructions.)

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

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
COVIA HOLDINGS CORPORATION PENSION PLAN

B Three-digit plan number (PN) ▶ 003

C Plan sponsor's name as shown on line 2a of Form 5500
COVIA HOLDINGS CORPORATION

D Employer Identification Number (EIN)
13-2656671

Part I Distributions

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** 0

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): 06-6379101

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** 173

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.)

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**

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**	

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**	
b The corresponding number for the second preceding plan year	**15b**	

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**	
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**	

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: 13.0 % Investment-Grade Debt: 74.0 % High-Yield Debt: 0.0 % Real Estate: 0.0 % Other: 13.0 %

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):

COVIA HOLDINGS CORPORATION PENSION PLAN

FINANCIAL STATEMENTS
WITH
INDEPENDENT AUDITOR'S REPORT

December 31, 2018

INDEX

	Page
Independent Auditor's Report	
Financial Statements:	
Statement of Net Assets Available for Benefits	3
Statement of Changes in Net Assets Available for Benefits	4
Statement of Accumulated Plan Benefit	5
Statement of Changes in Accumulated Plan Benefits	6
Notes to Financial Statements	7 - 13
Supplemental Schedules:	
Schedule of Assets Held for Investment Purposes at End of Year	14
Schedule of Reportable Transactions	17

MEADEN & MOORE

INDEPENDENT AUDITOR'S REPORT

Covia Holdings Corporation Pension Plan Committee
Covia Holdings Corporation Pension Plan
Independence, Ohio

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Covia Holdings Corporation Pension Plan (the "Plan"), which comprise the statement of net assets available for benefits and the statement of accumulated plan benefits as of December 31, 2018, and the related statement of changes in net assets available for benefits and the related statement of changes in accumulated plan benefits for the year ended December 31, 2018, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

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

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 (ERISA), the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 5, which was certified by Bank of America, N.A., the trustee of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the Plan Administrator that the trustee holds the Plan's investment assets and executes investment transactions. The Plan Administrator has obtained a certification from the trustee as of December 31, 2018, and for the year ended December 31, 2018, that the information provided to the plan administrator by the trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matter

The supplemental Schedule of Assets Held for Investment Purposes at End of Year as of December 31, 2018 and Schedule of Reportable Transactions for the year ended December 31, 2018 are required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA and are presented for the purpose of additional analysis and are not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on these supplemental schedules.

Other Matter – 2017 Financial Statements

The financial statements of the Plan as of December 31, 2017 were audited by predecessor auditors. As permitted by 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA, the plan administrator instructed the predecessor auditors not to perform, and they did not perform, any auditing procedures with respect to the information certified by the trustee. Their report, dated October 15, 2018, indicated that (a) because of the significance of the information that they did not audit, they were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, they did not express an opinion on the financial statements and (b) the form and content of the information included in the financial statements other than that derived from the information certified by the trustee, were presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Report on Form and Content in Compliance with DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedules, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Meaden & Moore, Ltd.
Cleveland, Ohio

October 14, 2019

STATEMENT OF NET ASSETS AVAILABLE FOR BENEFITS

Covia Holdings Corporation Pension Plan

	December 31	
	2018	2017
ASSETS		
Receivable - Employer contributions	**$ -**	$ 850,519
Receivable - Interest	**542,168**	607,738
Receivable - Securities sold	**1,731,992**	1,859,820
Total Receivables	**2,274,160**	3,318,077
Investments at Fair Value:		
Money market funds	**3,524,383**	10,259,626
U.S. government and agency securities	**9,433,538**	10,076,512
Corporate, municipal and foreign bonds	**39,554,885**	45,131,625
Mutual funds	**34,656,793**	42,532,600
Common stock	**5,545,143**	5,438,928
Total Investments at Fair Value	**92,714,742**	113,439,291
LIABILITIES		
Payables for securities purchased	**2,297,716**	1,786,770
Other liabilities	**189,937**	245,723
Total Liabilities	**$ 2,487,653**	$ 2,032,493
Net Assets Available for Benefits	**$ 92,501,249**	$ 114,724,875

See accompanying notes.

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

Covia Holdings Corporation Pension Plan

	Year Ended December 31	
	2018	2017
Additions to Net Assets Attributed to:		
Contributions:		
Employer	**$ 7,592,703**	$ 4,886,106
Investment Income /(Loss):		
Interest and dividend income	**3,475,997**	3,128,641
Other income/(loss)	**(768,676)**	2,221,479
Net unrealized/realized appreciation/(depreciation)	**(7,894,116)**	4,942,142
Total Investment Income/(Loss)	**(5,186,795)**	10,292,262
Deductions from Net Assets Attributed to:		
Benefits paid to participants	**24,008,875**	10,419,621
Administrative expenses	**620,659**	605,519
Total Deductions	**24,629,534**	11,025,140
Net Increase (Decrease)	**(22,223,626)**	4,153,228
Net Assets Available for Benefits:		
Beginning of Year	**114,724,875**	110,571,647
End of Year	**$ 92,501,249**	$ 114,724,875

See accompanying notes.

STATEMENT OF ACCUMULATED PLAN BENEFITS

Covia Holdings Corporation Pension Plan

	January 1 **2018**
Vested benefits:	
Participants currently receiving benefits	**$ 20,046,502**
Other participants	**76,863,001**
Total vested benefits	**96,909,503**
Non-Vested benefits:	**10,189,188**
Total actuarial present value of accumulated plan benefits	**$ 107,098,691**

See accompanying notes.

STATEMENT OF CHANGES IN ACCUMULATED PLAN BENEFITS

Covia Holdings Corporation Pension Plan

	Year Ended January 1, 2018
Actuarial present value of accumulated plan benefits at beginning of year	**$ 102,171,159**
Increase/(Decrease) during the year attributable to:	
Benefits accumulated	**8,263,003**
Benefits paid	**(10,419,621)**
Interest due to decrease in the discount period	**6,307,819**
Assumption changes	**641,326**
Plan changes	**135,005**
Net change	**4,927,532**
Actuarial present value of accumulated plan benefits at end of year	**$ 107,098,691**

See accompanying notes.

1 Description of Plan

The following description of Covia Holdings Corporation Pension Plan (the "Plan") provides only general information. Participants should refer to the Plan document for a complete description of the Plan's provisions.

General:

The Plan is a noncontributory defined benefit pension plan covering all active salaried and hourly employees at participating plant locations of Covia Holdings Corporation (the "Company") and affiliated entities. Effective June 1, 2018, the Company name was changed from Unimin Corporation.

The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

The Plan was amended effective June 1, 2018 to change the employers eligible to participate in the Plan and to change the primary employer of the Plan to the Company. The Plan was further amended effective December 31, 2018 to cease the accrual of benefits for all plan benefit schedules not covered by a collective bargaining agreement.

Eligibility:

All active salaried and non-union hourly employees at participating plant locations commencing employment prior to January 1, 2008 are eligible to participate in the Plan as specified in the applicable benefit schedule. The Plan was closed to salaried and nonunion hourly employees hired after January 1, 2008. Effective January 1, 2009, the Plan was closed to union hourly employees at Hephzibah, Georgia, and effective January 1, 2010, the Plan was closed to union hourly employees at Emmett, Idaho and McIntyre, Georgia. Effective May 1, 2010, the Plan was closed to union hourly employees at Green Mountain, North Carolina and Spruce Pine Quartz, North Carolina. Effective August 19, 2017, the Plan closed to union hourly employees at Utica, Illinois. Effective September 1, 2017, the Plan closed to union hourly employees at Cleburne, Texas. Effective November 1, 2017, the Plan closed to union hourly employees at Troy Grove, Illinois.

Funding Policy:

Contributions to provide benefits under the Plan are made solely by the Company. The Company's funding policy is to make periodic cash contributions to the Plan in amounts as determined by the Plan's independent actuary. The Company met the minimum funding requirements of ERISA for the years ended December 31, 2018 and 2017.

Payment of Benefits:

Participants are vested after five years of service. Early and deferred retirement is permitted and benefit payments can also be received upon death or disability. There are several payment options including a joint and survivor annuity. Benefits to participants are recorded upon distribution.

1 Description of Plan, Continued

Payment of Benefits, Continued:

Benefits for salaried participants are a percentage of final average earnings in excess of social security earnings (as defined in the Plan document). The percentage varies based on length of service. Benefits for hourly participants are based upon the plan benefit formula specific to the employee's plant which provides for changes in benefit unit values.

2 Summary of Significant Accounting Policies

Basis of Accounting:

The Plan's transactions are reported on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP").

Valuation of Investments:

Investments are stated at fair value. Marketable securities are reported at fair market value as of the balance sheet date. Fair market values represent quoted market prices or, if quoted market prices are not available, estimated fair values as determined by the Plan's investment broker.

Purchase and sales of securities are recorded on a trade-date basis. Dividends are recorded on the ex-dividend date. Interest income is recorded on the accrual basis. Net appreciation (depreciation) includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Use of Estimates:

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

Actuarial Present Value of Accumulated Plan Benefits:

Accumulated Plan benefits represent future periodic payments for services employees have rendered. Accumulated Plan benefits include benefits expected to be paid to (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died, or (c) present employees or their beneficiaries. The effect of plan amendments on accumulated plan benefits is recognized during the year in which such amendments become effective.

Administrative Fees:

All costs and expenses incurred in administering the Plan may be paid out of the Plan if the Employer does not pay such expenses directly.

2 Summary of Significant Accounting Policies, Continued

Plan Termination:

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event the Plan terminates, the net assets of the Plan will be allocated, as prescribed by ERISA and its related regulations, to vested participants based upon an actuarial calculation.

Certain benefits under the Plan are insured by the Pension Benefit Guaranty Corporation (PBGC) if the Plan terminates. Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits and certain disability and survivor's pensions. However, the PBGC does not guarantee all types of benefits under the Plan and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination. However, there is a statutory ceiling on the amount of an individual's monthly benefit that the PBGC guarantees.

Risks and Uncertainties:

The Plan's investment include investments in money market funds, U.S. government and agency securities, bonds, mutual funds, and common stocks with varying degrees of risk, such as interest rate, credit, and overall market volatility risks. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and such changes could materially affect the amounts reported in the statement of net assets available for plan benefits.

Plan contributions are made and the actuarial present value of accumulated 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 estimation and assumption processes, it is reasonably possible that changes in these estimates and assumptions could materially affect the amounts reported in the statements of net assets available for benefits and the statements of changes in net assets available for benefits.

Reclassifications:

Certain prior year amounts have been reclassified to conform to current year’s presentation.

Subsequent Events:

Management evaluates subsequent events occurring subsequent to the date of the financial statements in determining and the accounting for and disclosure of transactions and events that affect the financial statements.

Subsequent events have been evaluated through October 14, 2019, which is the date the financial statements were available to be issued.

3 Tax Status

On March 5, 2018 the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code ("IRC"). The Plan has been amended, however, the Plan Administrator believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC. Therefore, they believe that the Plan was qualified and the related trust was tax-exempt as of the financial statement date.

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 uncertain tax positions that more-likely-than-not would not be sustained upon examination by applicable taxing authorities. The Plan administrator has analyzed tax positions taken by the Plan and has concluded that, as of December 31, 2018, there are no uncertain tax positions taken, or expected to be taken, that would require recognition of a liability or that would require disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions. However, currently no audits for any tax periods are in progress.

4 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). Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs. The three levels of the fair value hierarchy under Topic 820 are described as follows:

* Level 1: Inputs to the valuation methodology are quoted prices (unadjusted) in active markets for identical assets or liabilities that the Plan can access at the measurement date.

* Level 2: Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:

    * 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 that are unobservable inputs for the asset or liability.

The 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 December 31, 2018 and 2017.

4 Fair Value Measurements, Continued

Money Market:

These investments are valued at amortized cost. Under the amortized cost valuation method, an investment is valued initially at its cost as determined in accordance with U.S. GAAP. Since there are some unobservable inputs associated with this valuation, these have been classified in Level 2 of the fair value hierarchy.

U.S. Government/Agency Securities and Common Stock:

These investments are valued at the closing price reported in the active market in which the individual security is traded and are classified in Level 1 of the fair value hierarchy.

Corporate, Municipal, and Foreign Bonds:

These investments are valued using quotes obtained from third-party pricing services that are based on current information that reflects orderly market transactions. As such, these are classified in Level 1 of the fair value hierarchy.

Mutual Funds:

The fair value of the mutual funds are based on quoted market prices and are classified in Level 1 of the fair value hierarchy.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2018 and 2017. Classification within the fair value hierarchy table is based on the lowest level of any input that is significant to the fair value measurement.

	Assets at Fair Value as of December 31, 2018			
	Level 1	Level 2	Level 3	Total
U.S. government and agency	$ 9,433,538	$ -	$ -	$ 9,433,538
Money market funds	-	3,524,383	-	3,524,383
Corporate, municipal and foreign	-	39,554,885	-	39,554,885
Mutual funds	34,656,793	-	-	34,656,793
Common stock	5,545,143	-	-	5,545,143
Investments at fair value	$ 49,635,474	$ 43,079,268	$ -	$ 92,714,742

4 Fair Value Measurements, Continued

	Assets at Fair Value at December 31, 2017			
	Level 1	Level 2	Level 3	Total
Money market funds	$ -	$ 10,259,626	$ -	$ 10,259,626
U.S. government and agency securities	10,076,512	-	-	10,076,512
Corporate, municipal and foreign bonds	-	45,131,625	-	45,131,625
Mutual funds	42,532,600	-	-	42,532,600
Common stock	5,438,928	-	-	5,438,928
Investments at fair value	$ 58,048,040	$ 55,391,251	$ -	$ 113,439,291

Transfers between Levels:

For the years ended December 31, 2018 and 2017, there were some transfers between Levels 1 and 2 based on additional information received but there were no transfers in or out of Level 3.

5 Information Prepared and Certified by Trustee

The following information included in the accompanying financial statements and supplemental schedule was obtained from data that has been prepared and certified as complete and accurate by the Trustee.

	2018	2017
Investments, at Fair Value	**$ 92,714,742**	$ 113,439,291
Interest and Dividends	**$ 3,475,997**	$ 3,128,641
Other Income/(Loss)	**$ (768,676)**	$ 2,221,479
Net Appreciation/(Depreciation)	**$ (7,894,116)**	$ 4,942,142

6 Accumulated Plan Benefits

The actuarial present value of accumulated plan benefits is determined by Buck Consultants, the plan's independent actuary, and is the 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 payment (by means of decrements such as for death, disability, withdrawal, or retirement) between the actuarial benefit information date and the expected date of payment. The significant actuarial assumptions used in the valuations as of January 1, 2018 and 2017, were:

6 Accumulated Plan Benefits, Continued

- Discount rate: 6.50% for 2018 and 2017
- Retirement age: ranging from 60-65 for both Hourly and Salaried for 2018 and 2017
- Mortality tables:
    - For 2018, the RP-2014 Healthy Generational Mortality Table with Blue Collar adjustment for Hourly and White-Collar adjustment for Salaried, rolled back to 2006 and projected with Mortality Improvement Scale MP-2017.
    - For 2017, the RP-2014 Healthy Generational Mortality Table with Blue Collar adjustment for Hourly and White-Collar adjustment for Salaried, rolled back to 2007 and projected with Mortality Improvement Scale MP-2016.

The foregoing actuarial assumptions are based on the presumption that the Plan will continue. If the Plan were to terminate, other assumptions and factors might be applicable in determining the actuarial present value of accumulated Plan benefits.

7 Party-in-Interest Transactions

Certain Plan investments are corporate bonds issued by Bank of America, the Trustee as defined by the Plan, and therefore, these transactions qualify as party-in-interest transactions. In addition, the Plan has arrangements with various service providers and these arrangements qualify as party-in interest transactions.

8 Other Liabilities

This amount includes $104,377 and $101,723 of accrued administrative expenses for the years ended December 31, 2018 and 2017, respectively.

At times, the Plan holds investments in call and put options. These instruments are acquired and held to add incremental value and to hedge or reduce investment risk. Although the contract or notional amounts of these instruments are not recorded on the financial statements, these instruments are recognized as either an asset or a liability depending on the rights or obligations of the contract measured at fair value. These instruments may involve, to varying degrees, elements of credit and market risk in excess of amounts recognized in the financial statements. The Plan minimizes the credit (or repayment) risk in these instruments by entering into transactions with high-quality counterparties. The Plan manages market risk by establishing and monitoring limits as to the type of degree of risk that may be undertaken. There were derivative instruments in a liability position of $85,560 and $144,000 as of December 31, 2018 and 2017, respectively.

9 Subsequent Events

Effective May 31, 2019, the Plan was amended to cease the accrual of benefits for all union hourly participants at the Emmett, Idaho facility covered under Benefit Schedule J of the Plan.

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR
Form 5500, Schedule H, Part IV, Line 4i

Covia Holdings Corporation Pension Plan

EIN 13-2656671
Plan Number 003

December 31, 2018

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(c) Par Value	(d) Cost	(e) Current Value
	Money market funds:				
	Federated Govt Obligs Fund Premier Class	Federated Govt Obligs Fund Premier Class Cusip No: 608919718	$ 584,635	$ 584,635	$ 584,635
	Federated Govt Obligs Fund Premier Class	Federated Govt Obligs Fund Premier Class Cusip No: 608919718	1,670,495	1,670,495	1,670,495
	Advantage Bank Deposit	Advantage Bank Deposit FDIC Insured At Various Banks	561,016	561,016	561,016
	Federated U.S. Treasury	Federated US Treasury Cash Reserves #125 Cusip No: 60934n682	2	2	2
	Federated U.S. Treasury	Federated US Treasury Cash Reserves #125 Cusip No: 60934n682	57,525	57,525	57,525
	Federated U.S. Treasury	Federated US Treasury Cash Reserves #125 Cusip No: 60934n682	101	101	101
	Federated U.S. Treasury	Federated US Treasury Cash Reserves #125 Cusip No: 60934n682	101	101	101
	Federated U.S. Treasury	Federated US Treasury Cash Reserves #125 Cusip No: 60934n682	22,274	22,274	22,274
	Federated U.S. Treasury	Federated US Treasury Cash Reserves #125 Cusip No: 60934n682	472,482	472,482	472,482
	Federated U.S. Treasury	Federated US Treasury Cash Reserves #125 Cusip No: 60934n682	155,752	155,752	155,752
	Total money market funds		**3,524,383**	**3,524,383**	**3,524,383**
	U.S. government and agency obligations:				
	U.S Treasury	United States Treas Bd Stripped Prin Pmt 4.500% Dtd 02/15/06 Zr Cpn Due 02/15/36	340,000	172,451	211,857
	U.S Treasury	United States Treas Bd Stripped Prin Pmt 4.625% Dtd 02/16/10 Zr Cpn Due 02/15/40	655,000	308,800	351,722
	U.S Treasury	United States Treas Bd Stripped Prin Pmt Dtd 02/15/12 Zr Cpn Due 02/15/42	11,225,000	5,268,892	5,594,876
	U.S Treasury	United States Treas Nt Dtd 11/15/18 3.125% Due 11/15/28 Moodys: Aaa S&P: Aa+	1,650,000	1,705,365	1,711,496
	U.S Treasury	United States Treas Bd Stripped Prin Pmt 6.2500% Cpn Due 05/15/30	1,650,000	1,146,295	1,208,774
	U.S Treasury	United States Treas Nt 3.500% Due 02/15/39	125,000	122,750	136,724
	U.S Treasury	United States Treas Bd Stripped Prin Pmt 4.500% Cpn Due 02/15/36	350,000	-	218,089
	Total U.S. government and agency obligations		**15,995,000**	**8,724,553**	**9,433,538**
	Mutual funds:				
	Catalyst Hedged Futures Strateg Fund Cl I	Catalyst Hedged Futures Strateg Fund Cl I Cusip No: 62827m797	829,385	8,858,701	6,593,611
	Miller Conv Bd Fund	Miller Conv Bd Fund Cl I Shs Moodys: Not Rated S&P: Not Rated	701,733	8,968,090	8,140,108
	Pimco Income Fund	Pimco Income Fund Instl Cl Moodys: Not Rated S&P: Not Rated	810,865	9,545,864	9,576,314
	Janus Balanced Fund	Janus Balanced Fund Cl I Cusip No: 47103c704	333,982	9,650,037	10,346,760
	Total mutual funds		**2,675,965**	**37,022,692**	**34,656,793**
	Common stock:				
	General Mtrs Co	General Mtrs Co Cusip No: 37045v100 Account 42 16 100 3582459	13,839	465,046	462,912
	Magna Intl Inc	Magna Intl Inc Cl A Com Canada	6,050	275,919	274,973
	Spx Flow Inc	Spx Flow Inc Cusip No: 78469x107 Account 42 16 100 3582459	7,344	247,903	223,404
	Danone	Danone Sponsored Adr France	22,524	318,388	314,886
	Berkshire Hathaway Inc	Berkshire Hathaway Inc Del New Cl B Com Cusip No: 084670702	2,367	457,869	483,294
	Citigroup Inc	Citigroup Inc New Com Cusip No: 172967424	5,232	270,420	272,378
	Fairfax Finl Hldgs Ltd	Fairfax Finl Hldgs Ltd Sub Vtg Com Canada	1,088	501,904	478,807
	Jp Morgan Chase & Co	J P Morgan Chase & Co Cusip No: 46625h100 Account 42 16 100 3582459	2,795	279,021	272,848
	Power Corp Cda	Power Corp Cda Canadian Com Cusip No: 739239101	15,530	277,037	278,919
	Johnson & Johnson	Johnson & Johnson Cusip No: 478160104 Account 42 16 100 3582459	3,691	449,485	476,324
	Spx Corp	Spx Corp Cusip No: 784635104 Account 42 16 100 3582459	6,794	175,809	190,300
	Resolute Fst Prods Inc	Resolute Fst Prods Inc Cusip No: 76117w109 Account 42 16 100 3582459	22,818	120,648	180,947
	Liberty Global Plc	Liberty Global Plc Ser C Com United Kingdom	25,365	797,993	523,534
	Centurylink Inc	Centurylink Inc Cusip No: 156700106 Account 42 16 100 3582459	33,110	544,371	501,617
	Vodafone Group Plc	Vodafone Group Plc New Sponsored Adr No Par United Kingdom	31,639	791,359	610,000
	Total common stock		**200,186**	**5,973,172**	**5,545,143**
	Municipal bonds:				
	California St	California St Go Bds Taxbl Dtd 12/01/10 07.600 Due 11/01/40	100,000	143,673	145,621
	Clark Cnty Nev Arpt Rev	Clark Cnty Nev Arpt Rev Arpt Sys Rev Bds Taxbl Dtd 02/23/10 06.820 Due 07/01/45	85,000	112,306	121,067
	Dallas Tex Area Rapid Tran Sal	Dallas Tex Area Rapid Tran Sal Sales Tax Rev Taxbl Dtd 06/25/09 05.999 Due 12/01/44	110,000	141,011	142,680
	Miami Dade Cnty Fla Aviation R	Miami Dade Cnty Fla Aviation R Ref Bds Taxbl Dtd 08/30/18 04.280 Due 10/01/41	120,000	115,530	121,381
	New Jersey St Tpk Auth Rev	New Jersey St Tpk Auth Tpk Rev Tpk Rev Bds Taxbl Dtd 04/28/09 07.414 Due 01/01/40	100,000	142,364	140,900
	New York City Mnu Wtr Fin	New York N Y City Mun Wtr Fin Wtr And Swr Sys Rev Bds Taxbl Dtd 11/18/10 05.882 Due 06/15/44	110,000	137,575	141,048
	Total municipal bonds		**625,000**	**792,459**	**812,697**
	Corporate bonds:				
	Abb Fin Usa Inc	Abb Fin Usa Inc Go Gtd Nt Dtd 05/08/12 4.375% Due 05/08/42	60,000	60,728	60,863
	Aflac Inc	Aflac Inc Sr Usecd Nt Dtd 08/09/10 6.450% Due 08/15/40	15,000	18,553	18,084
	Aflac Inc	Aflac Inc Unsecd Sr Nt C7/15/48 @100 Dtd 10/31/18 4.750% Due 01/15/49	115,000	114,241	117,352
	Abbvie Inc	Abbvie Inc Unsecd Sr Nt Dtd 05/06/13 4.400% Due 11/06/42	85,000	83,961	74,750
	Abbvie Inc	Abbvie Inc Unsecd Sr Nt Call 11/14/45 @100 Dtd 05/12/16 4.450% Due 05/14/46	275,000	259,540	240,554
	Ace Ina Hldgs Inc	Ace Ina Hldgs Inc Sr Unsecd Nt Call 5/3/45 @100 Dtd 11/03/15 4.350% Due 11/03/45	75,000	84,035	77,213
	Aetna Inc New	Aetna Inc New Unsecd Sr Gbl Nt C02/15/47 @100 Dtd 08/10/17 3.875% Due 08/15/47	145,000	126,995	122,763
	Albemarle Corp	Albemarle Corp Unsecd Sr Nt Call 06/01/44 @100 Dtd 11/24/14 5.450% Due 12/01/44	130,000	139,121	129,953
	Allstate Corp	Allstate Corp Unsecd Sr Nt Call 06/15/46 @100 Dtd 12/08/16 4.200% Due 12/15/46	90,000	89,618	87,399
	Altria Group Inc	Altria Group Inc Sr Unsecd Nt Dtd 08/09/12 4.250% Due 08/09/42	160,000	156,662	129,050
	Amazon Com Inc	Amazon Com Inc Unsecd Sr Nt Call 06/05/44 @100 Dtd 12/05/14 4.950% Due 12/05/44	50,000	49,118	55,432
	Amazon Com Inc	Amazon Com Inc Sr Unsecd Nt C2/22/37 @100 Dtd 02/22/18 3.875% Due 08/22/37	250,000	249,378	241,440
	Amerada Hess Corp	Amerada Hess Corp Nt Dtd 10/01/99 7.875% Due 10/01/29	50,000	61,761	55,923
	American Intl Group Inc	Amerada Hess Corp Sr Unsecd Nt Dtd 03/05/02 7.125% Due 03/15/33	300,000	353,839	318,258
	American Intl Group Inc	American Intl Group Inc Sr Unsecd Nt Call 01/16/44 @100 Dtd 07/16/14 4.500% Due 07/16/44	130,000	128,882	116,016
	American Wtr Cap Corp	American Wtr Cap Corp Unsecd Sr Nt Call 03/01/47 @100 Dtd 08/10/17 3.750% Due 09/01/47	130,000	124,708	116,812
	Amgen Inc	Amgen Inc Sr Unsecd Nt Call 11/15/42 @100 Dtd 05/15/12 5.375% Due 05/15/43	150,000	161,786	164,325
	Amgen Inc	Amgen Inc Unsecd Sr Nt Call 11/01/44 @100 Dtd 05/01/15 4.400% Due 05/01/45	80,000	86,314	74,815
	Anheuser Busch Cos Llc	Anheuser Busch Cos Llc / Unsecd Sr Nt 144a Call 08/01/45 @100 Dtd 08/01/18 4.900% Due 02/01/46	235,000	223,546	217,937

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR
Form 5500, Schedule H, Part IV, Line 4i

Covia Holdings Corporation Pension Plan

EIN 13-2656671
Plan Number 003

December 31, 2018

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(c) Par Value	(d) Cost	(e) Current Value
	Anheuser Busch Inbev Fin Inc	Anheuser Busch Inbev Worldwide Inc Unsecd Sr Mtn Call 10/15/47 Dtd 04/04/18 4.600% Due 04/15/48	265,000	255,010	237,509
	Anheuser Busch Inbev Fin Inc	Anheuser Busch Inbev Fin Inc Sr Unsecd Nt Call 08/01/45 @100 Dtd 01/25/16 4.900% Due 02/01/46	860,000	905,503	797,555
	Apple Inc	Apple Inc Sr Unsecd Nt Dtd 05/03/13 3.850% Due 05/04/43	265,000	252,498	250,950
	Apple Inc	Apple Inc Unsecd Sr Nt Call 08/09/46 @100 Dtd 02/09/17 4.250% Due 02/09/47	150,000	149,697	149,477
	Archer Daniels Midland Co	Archer Daniels Midland Co Sr Unsecd Deb Ser Wi Dtd 10/16/12 4.016% Due 04/16/43	105,000	97,420	98,977
	Ashtead Cap Inc	Ashtead Cap Inc 2nd Lien Priority Sr Secd Nt 144a Prfd Dtd 08/09/17 4.375% Due 08/15/27	250,000	240,545	225,000
	Axa Equitable Hldgs Inc	Axa Equitable Hldgs Inc Unsecd Sr Nt 144a C10/20/47 @100 Dtd 04/20/18 5.000% Due 04/20/48	125,000	124,634	110,879
*	Bank Amer Corp	Bank Amer Corp Sr Unsecd Mtn Dtd 01/21/14 5.000% Due 01/21/44	100,000	117,941	103,487
*	Bank Amer Corp	Bank Amer Corp Sr Unsecd Mtn Call 1/23/48 @100 Dtd 01/23/18 3.946% Due 01/23/49	275,000	275,000	244,945
	Berkshire Hathaway Energy Co	Berkshire Hathaway Energy Co Sr Unsecd Nt Call 08/01/44 @100 Dtd 12/04/14 4.500% Due 02/01/45	780,000	804,523	778,838
	Biogen Idec Inc	Biogen Idec Inc Sr Unsecd Nt Dtd 09/15/15 5.200% Due 09/15/45	135,000	144,837	139,390
	Boeing Co	Boeing Co Sr Unsecd Nt Dtd 07/28/09 5.875% Due 02/15/40	55,000	69,221	68,414
	Brighthouse Finl Inc	Brighthouse Finl Inc Unsecd Sr Nt C12/22/46 @100 Dtd 12/22/17 4.700% Due 06/22/47	165,000	159,503	122,867
	Bristol Myers Squibb Co	Bristol Myers Squibb Co Sr Unsecd Nt Call 09/01/43 @100 Dtd 10/31/13 4.500% Due 03/01/44	135,000	148,935	141,631
	Burlington Northn Santa Fe Llc	Burlington Northn Santa Fe Llc Sr Unsecd Deb Call 03/01/42 @100 Dtd 08/23/12 4.375% Due 09/01/42	390,000	400,788	389,146
	Burlington Northn Santa Fe Llc	Burlington Northn Santa Fe Llc Sr Unsecd Nt Call 10/1/44 @100 Dtd 03/09/15 4.150% Due 04/01/45	300,000	302,058	290,856
	Cvs Health Corp	Cvs Health Corp Unsecd Sr Nt Call 09/25/37 @100 Dtd 03/09/18 4.780% Due 03/25/38	110,000	108,472	105,409
	Caterpillar Inc	Caterpillar Inc Sr Unsecd Nt Call 11/15/43 @100 Dtd 05/08/14 4.300% Due 05/15/44	180,000	191,194	182,533
	Catholic Health Initiatives	Catholic Health Initiatives Secd Taxable Bd Dtd 10/31/12 4.350% Due 11/01/42	150,000	140,903	135,684
	Cisco Sys Inc	Cisco Sys Inc Sr Nt Dtd 02/17/09 5.900% Due 02/15/39	145,000	188,600	178,523
	Cisco Sys Inc	Cisco Sys Inc Sr Nt Dtd 11/17/09 5.500% Due 01/15/40	90,000	112,172	106,194
	Citigroup Inc	Citigroup Inc Unsecd Sr Nt Call 06/23/48 @100 Dtd 07/23/18 4.650% Due 07/23/48	250,000	249,880	244,330
	City Of Hope	City Of Hope Unsecd Sr Nt Call 02/15/48 @100 Dtd 05/16/18 4.378% Due 08/15/48	120,000	120,000	118,271
	Comcast Corp	Comcast Corp New Unsecd Sr Nt C4/15/38 @100 Dtd 10/05/18 4.600% Due 10/15/38	250,000	249,835	252,445
	Commonwealth Edison Co	Commonwealth Edison Co Secd 1st Gbl Mtg Bd Call 12/15/45 @100 Dtd 06/27/16 3.650% Due 06/15/46	400,000	372,220	362,104
	Conocophillips	Conocophillips Gtd Nt Dtd 02/03/09 6.500% Due 02/01/39	150,000	203,314	185,639
	Consolidated Edison Co Ny Inc	Consolidated Edison Co Ny Inc Unsecd Sr Nt Call 06/01/45 @100 Dtd 11/17/15 4.500% Due 12/01/45	195,000	206,959	196,675
	Cummins Inc	Cummins Inc Sr Unsecd Nt Call 04/01/43 @100 Dtd 09/24/13 4.875% Due 10/01/43	80,000	85,874	88,070
	Deere & Co	Deere & Co Sr Unsecd Nt Call 12/09/41 @100 Dtd 06/08/12 3.900% Due 06/09/42	75,000	71,294	72,707
	Diamond 1 Fin Corp / Diamond 2 Fin Corp	Diamond 1 Fin Corp / Diamond 2 Fin Corp First Lien Nt 144a Call Dtd 06/01/16 8.100% Due 07/15/36	200,000	199,854	217,370
	Discovery Communications Llc	Discovery Communications Llc Co Gtd Secd Nt Dtd 06/03/10 6.350% Due 06/01/40	45,000	52,888	47,150
	Discovery Communications Llc	Discovery Communications Llc Unsecd Sr Gbl Nt C03/20/37 @100 Dtd 09/21/17 5.000% Due 09/20/37	300,000	292,890	278,271
	Dover Corp	Dover Corp Sr Unsecd Nt Call 12/01/40 @100 Dtd 02/22/11 5.375% Due 03/01/41	100,000	119,660	108,420
	Duke Energy Progress Inc	Duke Energy Progress Inc Secd 1st Mtg Bd C2/15/45 @100 Dtd 08/13/15 4.200% Due 08/15/45	150,000	165,195	148,842
	Duke Energy Progress Llc	Duke Energy Progress Llc Secured Nt Call 04/15/46 @100 Dtd 09/16/16 3.700% Due 10/15/46	1,165,000	1,078,364	1,052,310
	Eqt Corp	Eqt Corp Unsecd Sr Gbl Nt Call 07/01/27 @100 Dtd 10/04/17 3.900% Due 10/01/27	135,000	134,889	116,381
	Eqt Midstream Partners L P	Eqt Midstream Partners L P Unsecd Sr Nt Call 01/15/48 @100 Dtd 06/25/18 6.500% Due 07/15/48	150,000	148,583	147,689
	Eaton Corp	Eaton Corp Sr Unsecd Nt Dtd 11/02/13 4.150% Due 11/02/42	60,000	57,257	56,327
	Ebay Inc	Ebay Inc Sr Unsecd Nt Dtd 07/24/12 4.000% Due 07/15/42	75,000	65,210	55,841
	Enable Midstream Partners Lp	Enable Midstream Partners Lp Unsecd Sr Nt Call 11/15/43 @100 Dtd 11/15/15 5.000% Due 05/15/44	200,000	149,054	164,380
	Enbridge Energy Partners L P	Enbridge Energy Partners L P Sr Unsecd Nt Dtd 09/13/10 5.500% Due 09/15/40	45,000	48,096	46,587
	Energy Transfer Partners L P	Energy Transfer Partners L P Sr Unsecd Nt Call 06/15/45 @100 Dtd 06/23/15 6.125% Due 12/15/45	240,000	239,086	234,720
	Energy Transfer Partners L P	Energy Transfer Partners L P Ne Unsecd Sr Gbl Nt C12/15/37 @100 Dtd 06/08/18 5.800% Due 06/15/38	180,000	177,458	175,207
	Exelon Generation Co Llc	Exelon Generation Co Llc Sr Unsecd Nt Dtd 09/23/09 6.250% Due 10/01/39	105,000	126,398	109,499
	Exxon Mobil Corp	Exxon Mobil Corp Unsecd Sr Nt Call 09/01/45 @100 Dtd 03/03/16 4.114% Due 03/01/46	185,000	186,844	187,803
	Florida Pwr & Lt Co	Florida Pwr & Lt Co 1st Mtg Secd Bd C04/01/44 @100 Dtd 09/10/14 4.050% Due 10/01/44	245,000	249,261	243,344
	Florida Pwr & Lt Co	Florida Pwr & Lt Co 1st Mtg Secd Bd C12/01/47 @100 Dtd 05/08/18 4.125% Due 06/01/48	335,000	333,158	335,858
	General Elec Co	General Elec Co Sr Unsecd Nt Dtd 10/09/12 4.125% Due 10/09/42	500,000	502,510	390,670
	General Mtrs Co	General Mtrs Co Unsecd Sr Gbl Nt C10/1/37 @100 Dtd 08/07/17 5.150% Due 04/01/38	200,000	199,874	170,872
	Gilead Sciences Inc	Gilead Sciences Inc Sr Unsecd Nt Dtd 09/14/15 4.750% Due 03/01/46	485,000	510,083	481,164
	Goldman Sachs Group Inc	Goldman Sachs Group Inc Sr Unsecd Mtn Call 04/21/45 @100 Dtd 10/21/15 4.750% Due 10/21/45	290,000	319,703	275,926
	Halfmoon Parent Inc	Halfmoon Parent Inc 144a Sr Unsecd Nt Call 2/15/38 @100 Dtd 09/17/18 4.800% Due 08/15/38	250,000	249,598	245,530
	Home Depot Inc	Home Depot Inc Sr Nt Dtd 09/10/10 5.400% Due 09/15/40	60,000	68,044	68,714
	Home Depot Inc	Home Depot Inc Unsecd Sr Nt Call 10/1/45 @100 Dtd 06/02/15 4.250% Due 04/01/46	430,000	446,073	428,538
	Hudson Pac Pptys Lp	Hudson Pac Pptys Lp Unsecd Gtd Sr Nt Dtd 10/02/17 3.950% Due 11/01/27	230,000	229,910	213,801
	Illinois Tool Wks Inc	Illinois Tool Wks Inc Sr Unsecd Nt Call 03/15/41 @100 Dtd 03/15/12 4.875% Due 09/15/41	150,000	165,888	163,377
	Ing U S Inc	Ing U S Inc Unsecd Gtd Sr Nt Dtd 07/26/13 5.700% Due 07/15/43	60,000	69,528	64,793
	Intel Corp	Intel Corp Sr Unsecd Nt Dtd 09/19/11 4.800% Due 10/01/41	280,000	304,988	304,181
	International Business Machs Corp	International Business Machs Corp Sr Unsecd Nt Dtd 11/30/09 5.600% Due 11/30/39	60,000	71,475	66,506
	International Paper Co	International Paper Co Sr Unsecd Nt Call 05/15/41 @100 Dtd 11/16/11 6.000% Due 11/15/41	210,000	239,763	221,218
	International Paper Co	International Paper Co Unsecd Sr Global Nt Call 02/15/47 @100 Dtd 08/11/16 4.400% Due 08/15/47	95,000	86,970	79,902
	Interpublic Group Cos Inc	Interpublic Group Cos Inc Sr Unsecd Nt Call 04/01/48 @100 Dtd 09/21/18 5.400% Due 10/01/48	200,000	198,878	189,400
	Jpmorgan Chase & Co	Jpmorgan Chase & Co Unsecd Sr Global Nt Dtd 01/28/14 4.850% Due 02/01/44	200,000	221,254	203,668
	Jpmorgan Chase & Co	Jpmorgan Chase & Co Unsecd Sr Nt Call 02/22/47 @100 Dtd 02/22/17 4.260% Due 02/22/48	320,000	306,458	297,626
	Jpmorgan Chase & Co	Jpmorgan Chase & Co Sr Unsecd Bd Call 11/15/47 @100 Dtd 11/10/17 3.964% Due 11/15/48	300,000	300,000	265,548
	Johnson & Johnson	Johnson & Johnson Unsecd Sr Nt Call 9/1/45 @100 Dtd 03/01/16 3.700% Due 03/01/46	175,000	170,716	166,217
	Kentucky Utils Co	Kentucky Utils Co Secd 1st Mtg Bd Call 05/01/40 @100 Dtd 05/01/11 5.125% Due 11/01/40	55,000	62,719	61,735
	Kentucky Utils Co	Kentucky Utils Co Secd 1st Mtg Bd C5/15/43 @100 Dtd 11/14/13 4.650% Due 11/15/43	200,000	220,186	210,366
	Kinder Morgan Energy Partners L	Kinder Morgan Energy Partners L Unsecd Sr Nt Dtd 01/30/07 6.500% Due 02/01/37	210,000	243,163	226,233
	Liberty Mut Group Inc	Liberty Mut Group Inc Co Gtd Sr Nt 144a Dtd 05/04/12 6.500% Due 05/01/42	50,000	62,837	59,296
	Lincoln Natl Corp Ind	Lincoln Natl Corp Ind Sr Nt Dtd 06/18/10 7.000% Due 06/15/40	40,000	54,356	50,297
	Lowes Cos Inc	Lowes Cos Inc Sr Unsecd Nt Call 3/15/45 @100 Dtd 09/16/15 4.375% Due 09/15/45	300,000	305,818	269,391
	Massachusetts Mut Life Ins Co	Massachusetts Mut Life Ins Co Sr Unsecd Surplus Nt 144a Dtd 01/17/12 5.375% Due 12/01/41	128,000	141,540	141,866
	Mayo Clinic	Mayo Clinic Unsecd Taxable Bd Ser 2012 Dtd 09/20/12 3.774% Due 11/15/43	90,000	81,270	87,858
	Medtronic Inc	Medtronic Inc Sr Unsecd Nt Dtd 03/15/15 4.625% Due 03/15/45	280,000	301,884	293,563
	Merck & Co Inc	Merck & Co Inc New Sr Unsecd Nt Call 8/10/44 @100 Dtd 02/10/15 3.700% Due 02/10/45	140,000	138,061	134,460
	Metlife Inc	Metlife Inc Sr Unsecd Nt Dtd 11/13/13 4.875% Due 11/13/43	250,000	270,578	260,860
	Microsoft Corp	Microsoft Corp Sr Unsecd Nt Dtd 11/07/12 3.500% Due 11/15/42	610,000	575,745	567,434
	Microsoft Corp	Microsoft Corp Sr Unsecd Nt Call 5/3/45 @100 Dtd 11/03/15 4.450% Due 11/03/45	175,000	183,785	185,612
	Morgan Stanley	Morgan Stanley Sr Unsecd Nt Call 7/22/27 @100 Dtd 07/24/17 3.591% Due 07/22/28	240,000	234,210	226,920
	Motorola Solutions Inc	Motorola Solutions Inc Unsecd Sr Glb Nt Dtd 08/19/14 5.500% Due 09/01/44	275,000	278,237	249,909
	Nyu Hosps Ctr	Nyu Hosps Ctr Secd Taxable Bd Ser 2012a Dtd 08/07/12 4.428% Due 07/01/42	80,000	81,946	80,778
	Nyu Hosps Ctr	Nyu Hosps Ctr Unsecd Taxable Bd Ser 2014a Dtd 11/25/14 4.784% Due 07/01/44	40,000	40,000	42,229
	Nationwide Mut Ins Co	Nationwide Mut Ins Co Surplus Nt 144a Dtd 08/10/09 9.375% Due 08/15/39	120,000	195,648	181,796
	Nbcuniversal Media Llc	Nbcuniversal Media Llc Unsecd Sr Nt Dtd 10/05/12 4.450% Due 01/15/43	740,000	753,516	713,308
	New York Life Ins Co	New York Life Ins Co Sub Surplus Nt 144a Dtd 10/08/09 6.750% Due 11/15/39	50,000	66,700	65,586
	Niagara Mohawk Pwr Corp	Niagara Mohawk Pwr Corp New Unsecd Sr Nt 144a C9/15/28 @100 Dtd 12/04/18 4.278% Due 12/15/28	115,000	114,999	118,932
	Nike Inc	Nike Inc Sr Unsecd Nt Call 05/01/45 @100 Dtd 10/29/15 3.875% Due 11/01/45	125,000	124,973	119,545
	Northern Sts Pwr Co	Northern Sts Pwr Co Minn 1st Mt Secd Bd Call 11/15/45 @100 Dtd 05/31/16 3.600% Due 05/15/46	260,000	244,210	240,076
	Novartis Cap Corp	Novartis Cap Corp Sr Unsecd Nt Dtd 09/21/12 3.700% Due 09/21/42	75,000	68,894	71,969

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR
Form 5500, Schedule H, Part IV, Line 4i

Covia Holdings Corporation Pension Plan

EIN 13-2656671
Plan Number 003

December 31, 2018

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(c) Par Value	(d) Cost	(e) Current Value
	Nstar Elec Co	Nstar Elec Co Sr Unsecd Deb Dtd 03/16/10 5.500% Due 03/15/40	105,000	127,725	121,393
	Nucor Corp	Nucor Corp Sr Unsecd Nt Call 02/01/43 @100 Dtd 07/29/13 5.200% Due 08/01/43	55,000	57,762	58,329
	Occidental Pete Corp	Occidental Pete Corp Sr Unsecd Nt Call 12/15/44 @100 Dtd 06/23/15 4.625% Due 06/15/45	175,000	183,990	173,745
	Ochsner Clinic Fndtn Secd	Ochsner Clinic Fndtn Secd Taxable Bd Ser 2015 C11/15/44 @ Dtd 06/24/15 5.897% Due 05/15/45	130,000	130,000	157,398
	Oncor Elec Delivery Co Llc	Oncor Elec Delivery Co Llc 1st Lien Sr Secd Nt C6/1/41 @100 Dtd 06/01/12 4.550% Due 12/01/41	180,000	191,162	187,679
	Oracle Corp	Oracle Corp Sr Unsecd Nt Call 1/15/46 @100 Dtd 07/07/16 4.000% Due 07/15/46	640,000	607,163	597,178
	Ppg Inds Inc	Ppg Inds Inc Sr Unsecd Nt Dtd 11/12/10 5.500% Due 11/15/40	40,000	48,081	43,625
	Ppl Cap Fdg Inc	Ppl Cap Fdg Inc Unsecd Sr Nt Call 03/15/47 @100 Dtd 09/08/17 4.000% Due 09/15/47	200,000	197,584	178,238
	Pacific Life Ins Co	Pacific Life Ins Co Sub Pidi Bd 144a C10/24/47 @100 Dtd 10/24/17 4.300% Due 10/24/67	250,000	238,751	219,638
	Pfizer Inc	Pfizer Inc Sr Unsecd Nt Dtd 05/15/14 4.400% Due 05/15/44	250,000	263,195	260,338
	Philip Morris Intl Inc	Philip Morris Intl Inc Sr Unsecd Nt Dtd 11/10/14 4.250% Due 11/10/44	310,000	316,796	282,717
	Physicians Realty Lp	Physicians Realty Lp Unsecd Sr Pidi Nt C12/15/26 @100 Dtd 03/07/17 4.300% Due 03/15/27	265,000	258,257	257,331
	Plains All Amern Pipeline L P	Plains All Amern Pipeline L P / Paa Fin Corp Sr Nt Dtd 07/15/07 6.650% Due 01/15/37	250,000	286,915	263,423
	Potomac Elec Pwr Co	Potomac Elec Pwr Co Secd 1st Mtg Bd C09/15/42 @100 Dtd 03/18/13 4.150% Due 03/15/43	370,000	371,380	365,797
	Progressive Corp O	Progressive Corp Oh Sr Unsecd Nt Dtd 04/25/14 4.350% Due 04/25/44	115,000	123,879	117,231
	Prudential Finl Inc	Prudential Finl Inc Sr Unsecd Mtn Call 09/27/47 @100 Dtd 03/27/18 4.418% Due 03/27/48	125,000	118,423	120,705
	Qualcomm Inc	Qualcomm Inc Sr Unsecd Nt Call 11/20/44 @100 Dtd 05/20/15 4.800% Due 05/20/45	95,000	94,491	90,488
	Raymond James Finl Inc	Raymond James Finl Inc Unsecd Sr Gbl Nt Dtd 07/12/16 4.950% Due 07/15/46	110,000	117,857	105,683
	Realty Income Corp	Realty Income Corp Unsecd Sr Deb Dtd 03/11/05 5.875% Due 03/15/35	180,000	206,615	198,936
	Ssm Health Care Corp	Ssm Health Care Corp Sr Unsecd Taxable Bd Ser 2017a Call 3/1/27 Dtd 04/19/17 3.823% Due 06/01/27	330,000	331,738	327,301
	San Diego Gas & Elec Co	San Diego Gas & Elec Co Secd 1st Mtg Bd Ser Iii Dtd 08/26/10 4.500% Due 08/15/40	115,000	125,688	118,619
	Santander Hldgs Usa Inc	Santander Hldgs Usa Inc Unsecd Sr Nt Call 06/13/27 @100 Dtd 01/13/18 4.400% Due 07/13/27	165,000	165,180	156,126
	Securian Financial Group Inc	Securian Financial Group Inc Unsecd Sr Nt 144a Dtd 04/05/18 4.800% Due 04/15/48	155,000	154,509	153,630
	Simon Property Group L P	Simon Property Group L P Sr Unsecd Nt Dtd 01/25/10 6.750% Due 02/01/40	45,000	60,535	57,306
	Southern Calif Edison Co	Southern Calif Edison Co Secd 1st & Ref Mtg Bd Ser 2009a Dtd 03/20/09 6.050% Due 03/15/39	245,000	321,964	279,099
	Southern Calif Edison Co	Southern Calif Edison Co Secd 1st & Ref Mtg Bd Ser 2018c Call Dtd 03/05/18 4.125% Due 03/01/48	260,000	252,773	246,152
	Southwestern Elec Pwr Co Unsecd	Southwestern Elec Pwr Co Unsecd Sr Nt Ser J Call 10/01/44 @100 Dtd 03/26/15 3.900% Due 04/01/45	410,000	394,379	369,148
	Store Cap Corp	Store Cap Corp Unsecd Sr Nt Call 12/15/27 @100 Dtd 03/15/18 4.500% Due 03/15/28	125,000	124,394	120,766
	Target Corp	Target Corp Sr Unsecd Nt Dtd 04/11/16 3.625% Due 04/15/46	185,000	171,070	161,988
	Time Warner Inc	Time Warner Inc New Sr Unsecd Nt Dtd 06/13/12 4.900% Due 06/15/42	100,000	101,318	91,113
	Time Warner Cable Inc	Time Warner Cable Inc Nt Dtd 04/09/07 6.550% Due 05/01/37	110,000	135,401	112,886
	Travelers Cos Inc	Travelers Cos Inc Sr Unsecd Nt Dtd 11/01/10 5.350% Due 11/01/40	60,000	69,167	68,678
	Tri State Generation & Transmn	Tri State Generation & Transmn Assn Inc Secd 1st Mtg Bd Ser Dtd 05/01/15 4.700% Due 11/01/44	150,000	154,434	152,759
	Tri State Generation & Transmn	Tri State Generation & Transmn Assn Inc 1st Mtg Bd Ser 2016a Dtd 06/01/16 4.250% Due 06/01/46	67,000	66,460	62,508
	Union Pac Corp	Union Pac Corp Sr Unsecd Nt Call 06/15/43 @100 Dtd 10/25/13 4.750% Due 12/15/43	65,000	69,444	66,671
	Union Pac Corp	Union Pac Corp Unsecd Sr Gbl Nt C2/15/46 @100 Dtd 08/08/16 3.350% Due 08/15/46	195,000	174,636	159,481
	United Parcel Svc Inc	United Parcel Svc Inc Sr Unsecd Nt Dtd 09/27/12 3.625% Due 10/01/42	200,000	196,212	178,868
	United Technologies Corp	United Technologies Corp Unsecd Sr Nt Call 05/01/46 @100 Dtd 11/01/16 3.750% Due 11/01/46	440,000	396,446	371,114
	Unitedhealth Group Inc	Unitedhealth Group Inc Sr Unsecd Nt Call 09/15/42 @100 Dtd 02/28/13 4.250% Due 03/15/43	515,000	518,348	510,803
	Unitedhealth Group Inc	Unitedhealth Group Inc Sr Unsecd Nt Dtd 07/23/15 4.750% Due 07/15/45	125,000	126,930	132,250
	Unitedhealth Group Inc	Unitedhealth Group Inc Unsecd Sr Pidi Nt C6/15/48 @100 Dtd 12/17/18 4.450% Due 12/15/48	200,000	199,180	205,866
	Valero Energy Corp	Valero Energy Corp New Unsecd Sr Nt Dtd 03/13/15 4.900% Due 03/15/45	60,000	64,647	56,395
	Visa Inc	Visa Inc Sr Unsecd Nt Call 6/14/45 @100 Dtd 12/14/15 4.300% Due 12/14/45	180,000	192,874	186,026
	Vulcan Matls Co	Vulcan Matls Co Unsecd Sr Nt C9/1/47 @100 Dtd 09/01/18 4.700% Due 03/01/48	250,000	234,933	217,053
	Wal Mart Stores Inc	Wal Mart Stores Inc Sr Unsecd Nt Call 10/22/43 @100 Dtd 04/22/14 4.300% Due 04/22/44	470,000	539,729	474,324
	Waste Mgmt Inc	Waste Mgmt Inc Del Sr Unsecd Nt Call 09/01/44 @100 Dtd 02/26/15 4.100% Due 03/01/45	70,000	69,856	67,572
	Wellpoint Inc	Wellpoint Inc Unsecd Sr Nt Dtd 09/10/12 4.650% Due 01/15/43	100,000	102,024	97,141
	Wells Fargo & Co	Wells Fargo & Co New Sub Medium Term Sr Nt Dtd 11/04/14 4.650% Due 11/04/44	125,000	135,571	117,675
	Wells Fargo & Co	Wells Fargo & Co New Sub Medium Term Sr Nt Dtd 11/04/14 4.650% Due 11/04/44	255,000	265,037	240,057
	Western Gas Partners Lp	Western Gas Partners Lp Unsecd Sr Nt Call 10/01/43/ @100 Dtd 03/20/14 5.450% Due 04/01/44	250,000	256,940	224,045
	Westinghouse Air Brake Technologies Corp	Westinghouse Air Brake Technologies Corp Unsecd Sr Pidi Dtd 09/14/18 4.700% Due 09/15/28	250,000	249,723	234,465
	Westlake Chem Corp	Westlake Chem Corp Unsecd Sr Nt C5/15/47 @100 Dtd 11/28/17 4.375% Due 11/15/47	135,000	133,622	113,131
	Wisconsin Elec Pwr Co	Wisconsin Elec Pwr Co Unsecd Sr Gbl Deb C6/15/42 @100 Dtd 12/11/12 3.650% Due 12/15/42	75,000	72,099	68,540
	Allina Hlth Sys	Allina Hlth Sys Unsecd Taxable Bd Ser 2015 Call 05/15/45 @100 Dtd 09/16/15 4.805% Due 11/15/45	165,000	165,000	175,481
	British Airways Pass Thru Tr	British Airways Pass Thru Tr 2018 1 Pass Thru Cl A 144a Dtd 03/26/18 4.125% Due 03/20/33	154,923	154,923	152,708
	Pipeline Fdg Co Llc	Pipeline Fdg Co Llc Sr Secd Bd 144a Dtd 10/15/09 7.500% Due 01/15/30	118,600	141,212	139,880
	Polar Tankers Inc	Polar Tankers Inc Sr Unsecd Nt 144a Dtd 05/10/07 5.951% Due 05/10/37	95,000	110,662	110,454
	Goldman Sachs	Goldman Sachs Treasury Access 0 1 Year Etf Moodys: Nr S&P: Nr	26,295	2,629,960	2,630,800
	Total corporate bonds		**32,993,523**	**33,791,833**	**34,689,864**
	Foreign bonds:				
	Agrium Inc	Agrium Inc Sr Secd Deb Call 7/15/40 @100 Canada Dtd 12/20/10 6.125% Due 01/15/41	40,000	47,159	43,804
	Anglo Amern Cap Plc	Anglo Amern Cap Plc Unsecd Sr Nt 144a United Kingdom Dtd 05/14/15 4.875% Due 05/14/25	250,000	259,503	245,553
	Astrazeneca Plc	Astrazeneca Plc Sr Unsecd Nt United Kingdom Dtd 11/16/15 4.375% Due 11/16/45	200,000	198,886	189,248
	Bhp Billiton Fin Usa Ltd	Bhp Billiton Fin Usa Ltd Sr Unsecd Nt Australia Dtd 09/30/13 5.000% Due 09/30/43	110,000	123,588	120,174
	Bank Montreal Que	Bank Montreal Que Sub Nt C12/15/27 @100 Canada Dtd 12/12/17 3.803% Due 12/15/32	140,000	140,000	129,640
	Colombia Rep	Colombia Rep Unsecd Sr Gbl Bd Call 12/15/44 @100 Colombia Dtd 01/28/15 5.000% Due 06/15/45	200,000	194,700	190,400
	Cooperatieve Centrale Raiffeise	Cooperatieve Centrale Raiffeise Boerenleenbank Ba Bk Gtd Mtn Nl Dtd 05/24/11 5.250% Due 05/24/41	60,000	66,518	66,091
	Corporacion Nacional Del Cobre	Corporacion Nacional Del Cobre De Chile Unsecd Sr Gbl Nt Chile Dtd 08/01/17 4.500% Due 08/01/47	200,000	194,416	192,852
	Enbridge Inc	Enbridge Inc Sub Glbl Nt Canada C3/1/28 @100 Dtd 03/01/18 6.250% Due 03/01/78	255,000	255,000	229,151
	Kinross Gold Corp	Kinross Gold Corp Unsecd Sr Nt Call 04/15/27 @100 Canada Dtd 01/15/18 4.500% Due 07/15/27	150,000	141,374	129,563
	Lloyds Banking Group Plc	Lloyds Banking Group Plc Unsecd Sr Pidi Bd United Kingdom Dtd 11/07/17 3.574% Due 11/07/28	270,000	248,948	240,170
	Mizuho Finl Group Inc	Mizuho Finl Group Inc Unsecd Sr Nt C9/11/28 @100 Japan Dtd 09/11/18 4.254% Due 09/11/29	250,000	250,000	253,598
	Nationwide	Nationwide Bldg Soc Sr Non Pfd Unsecd Sr Mtn 144a C03/08/28 Uk Dtd 03/08/18 4.302% Due 03/08/29	265,000	265,000	249,007
	Perrigo Finance Plc	Perrigo Finance Plc Sr Unsecd N Call 6/15/44 @100 Ireland Dtd 12/02/14 4.900% Due 12/15/44	250,000	256,123	206,810
	Petroleos Mexicanos	Petroleos Mexicanos Unsecd Sr Gtd Mtn Ser C Mexico Dtd 08/12/18 6.350% Due 02/12/48	200,000	200,000	160,000
	Rio Tinto Fin Usa Plc	Rio Tinto Fin Usa Plc Sr Unsecd Gtd Nt Call 2/21/42 @100 Uk Dtd 08/21/12 4.125% Due 08/21/42	75,000	69,826	72,293
	Shell Intl	Shell Intl Fin B V Sr Unsecd Gtd Nt Netherlands Dtd 08/21/12 3.625% Due 08/21/42	150,000	142,040	135,974
	Shell Intl	Shell Intl Fin B V Sr Unsecd Nt Netherlands Dtd 08/12/13 4.550% Due 08/12/43	275,000	283,654	285,843
	Statoil Asa	Statoil Asa Go Gtd Nt Norway Dtd 08/17/10 5.100% Due 08/17/40	75,000	84,724	82,559
	Telefonica Emisiones S A U	Telefonica Emisiones S A U Unsecd Sr Gbl Nt Spain Dtd 03/08/17 5.213% Due 03/08/47	250,000	250,000	228,850
	Transcanada Pipelines Ltd	Transcanada Pipelines Ltd Sr Unsecd Nt Canada Dtd 01/09/09 7.625% Due 01/15/39	40,000	57,492	49,824
	Trinity Acquisition Plc	Trinity Acquisition Plc Unsecd Sr Nt United Kingdom Dtd 08/15/13 6.125% Due 08/15/43	55,000	60,217	60,999
	Vodafone Group Plc	Vodafone Group Plc New Unsecd Sr Gbl Nt United Kingdom Dtd 05/30/18 5.000% Due 05/30/38	250,000	245,260	234,253
	Toronto Dominion Bk Ont	Toronto Dominion Bk Ont Conv Sub Bd C9/15/26 @100 Canada Dtd 09/15/16 3.625% Due 09/15/31	270,000	269,412	255,668
	Total foreign bonds		**4,280,000**	**4,303,840**	**4,052,324**
	Total Investments		**$ 60,294,057**	**$ 94,132,932**	**$ 92,714,742**

* Party-in-interest to the Plan.

SCHEDULE OF REPORTABLE TRANSACTIONS
Form 5500, Schedule H, Part IV, Line 4j

Covia Holdings Corporation Pension Plan

EIN 13-2656671
Plan Number 003

December 31, 2018

(a) Identity of Party Involved	(b) Description of Asset	(c) Purchase Price	(d) Selling Price	(e) Lease Rental	(f) Expense Incurred with Transaction	(g) Cost of Asset	(h) Current Value of Asset on Transaction Date	(i) Net Gain (Loss)
Category (iii) - Series of transactions of the same issue in excess of 5% of plan assets								
	Goldman Sachs Treasury Access	$ 4,797,939	$ -	$ -	$ 360	$ 4,797,939	$ 4,797,939	$ -
	Goldman Sachs Treasury Access	$ -	$ 2,167,759	$ -	$ 192	$ 2,167,980	$ 2,167,980	$ (221)
	Federated Govt Oblig Fund Premier Class	$ 32,084,302	$ -	$ -	$ -	$ 32,084,302	$ 32,084,302	$ -
	Federated Govt Oblig Fund Premier Class	$ -	$ 36,993,912	$ -	$ -	$ 36,993,912	$ 36,993,912	$ -
	Federated U.S. Treasury	$ 9,433,290	$ -	$ -	$ -	$ 9,433,290	$ 9,433,290	$ -
	Federated U.S. Treasury	$ -	$ 9,840,908	$ -	$ -	$ 9,840,908	$ 9,840,908	$ -
	U.S. Treasury Bond, 2.750% Due 11/15/2047	$ 2,892,429	$ -	$ -	$ -	$ 2,892,429	$ 2,892,429	$ -
	U.S. Treasury Bond, 2.750% Due 11/15/2047	$ -	$ 2,919,303	$ -	$ -	$ 2,892,430	$ 2,919,303	$ 26,873
	U.S. Treasury Bond, 3.000% Due 2/15/2048	$ 5,554,022	$ -	$ -	$ -	$ 5,554,022	$ 5,554,022	$ -
	U.S. Treasury Bond, 3.000% Due 2/15/2048	$ -	$ 5,627,789	$ -	$ -	$ 5,556,975	$ 5,627,789	$ 70,814
	U.S. Treasury Bond, 3.125% Due 5/15/2048	$ 3,370,911	$ -	$ -	$ -	$ 3,370,911	$ 3,370,911	$ -
	U.S. Treasury Bond, 3.125% Due 5/15/2048	$ -	$ 3,179,399	$ -	$ -	$ 3,370,911	$ 3,179,399	$ (191,512)
	Bank of America Temporary Overnight Deposit	$ 24,259,994	$ -	$ -	$ -	$ 24,259,994	$ 24,259,994	$ -
	Bank of America Temporary Overnight Deposit	$ -	$ 24,259,994	$ -	$ -	$ 24,259,994	$ 24,259,994	$ -

Covia Holdings Corporation Pension Plan
EIN / PN: 13-2656671/003

Schedule SB, Line 26 – Schedule of Active Participant Data

Distribution of Active Participants as of January 1, 2018 – Age by Benefit Service

Age	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
Under 25		1								
25-29	4	6	5							
30-34	3	11	6	16						
35-39	4	3	11	29	7					
40-44	2	5	5	29	17	5				
45-49	1	13	16	23	29	27	8	1		
50-54	1	8	8	30	22	19	14	11	1	
55-59	2	7	5	24	33	37	19	29	19	1
60-64	2	2	3	10	20	13	19	18	14	10
65-69				3	1	7	2	4	6	2
70+				1	1	2	1			1

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods

Prescribed Funding Assumptions and Methods

The following assumptions and methods are prescribed by ERISA.

Funding interest rates

Current Year:	IRS spot rate yield curve as of December 2017.	
Effective Interest Rate		3.84%
Prior Year:	IRS spot rate yield curve as of December 2016.	
Effective Interest Rate		4.41%

Mortality

Regulations issued in October 2017 revised the underlying mortality tables and mortality improvement scales applicable to funding and PBGC purposes from the RP-2000 tables with Mortality Improvement Scale AA to the RP-2014 tables with Mortality Improvement Scale MP-2016. The new tables are effective for 2018 and later plan years and can be applied on a fully generational or static basis; however, the plan sponsor may opt to delay the use of new tables for funding and PBGC purposes until the 2019 plan year. For this plan, the option was applied.

Mortality tables mandated by PPA as specified in IRS Regulation 1.430(h)(3)-1, applied on a static basis, projected 7 years from the valuation date for annuitants and 15 years for non-annuitants.

Mortality for purposes of calculating lump sums

2018 IRS combined static unisex mortality for purposes of 417(e), as described in final regulations 1.430(h)(3)–1, IRS Notice 2017-60.

Actuarial cost method

The Funding Target is the present value of accrued benefits and based on compensation and service to date. The Target Normal Cost is the present value of benefits expected to be accrued during the current plan year, reflecting the effect of expected compensation increases during the year and including expected plan related expenses to be paid from plan assets during the year.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods (continued)

Non-Prescribed Funding Assumptions and Methods

The following assumptions were selected by the plan's enrolled actuary. The asset valuation method was selected by the plan sponsor with the actuary's advice and is an acceptable method under PPA 2006.

The retirement, disability and withdrawal rate assumptions are based on the plan sponsor's anticipated experience. Actual experience is reviewed each year and compared to the assumption. Changes are then made, as appropriate, based on this review. Review of the retirement assumption indicates that participants are working longer than assumed, however the observed actual experience is anticipated to be temporary due to corporate restructuring.

Salary increase assumption

The salary increase assumption is based on prior and anticipated compensation practice of the plan sponsor.

Age	Rates
25	7.30%
30	6.40%
35	6.30%
40	6.00%
45	6.00%
50	5.40%
55	4.10%
60	2.50%

Social Security

Annual increase in maximum wage base: 4.00%

Expenses

Expected plan related expenses equal actual expenses paid for prior plan year. Expected plan related expenses of $551,981 were added to the Target Normal Cost.

Frequency of optional payment forms

66.67% of all future retirees and future disabilities are assumed to take a lump sum form of payment. Married participants who did not take lump sums are assumed to take a Joint and Survivor 50% or 100% option with equal probability. For unmarried participants, election of the normal form of payment is assumed.

100% of all future retirees are assumed to take a lump sum form of payment for non-union employees who attain age 65 and completed 35 years of service.

Marital percentage

80% of male participants and 60% of female participants are assumed to be married at death. Husbands are assumed to be 3 years older than their wives.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods (continued)

Non-Prescribed Funding Assumptions and Methods (continued)

Retirement rates

Age	Hourly	Salaried
60	0%	10%
61	0%	10%
62	20%	20%
63	5%	5%
64	5%	5%
65+	100%	100%

Terminated vested participants are assumed to retire at age 65.

Disability rates

Age	Male	Female
25	0.03%	0.08%
35	0.08%	0.09%
45	0.30%	0.16%
55	0.78%	0.58%

Withdrawal rates for active participants not eligible to retirement

Year of Employment	Age-Related Rates					
	Salaried			Hourly		
	25	40	55	25	40	55
0 – 1	15.00%	15.00%	15.00%	7.50%	7.50%	7.50%
1 – 2	7.50%	7.50%	7.50%	3.75%	3.75%	3.75%
2+	9.90%	4.73%	1.65%	2.70%	1.33%	0.15%

Asset valuation method

Market Value, including the discounted value of accrued contributions.

Future actuarial measurements

Future actuarial measurements may differ significantly from current measurements due to plan experience differing from that anticipated by the economic and demographic assumptions, changes expected as part of the natural operation of the methodology used for these measurements, and changes in plan provisions, applicable law or regulations. An analysis of the potential range of such future differences is beyond the scope of this report.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods (continued)

Summary of Changes from the January 1, 2017 Valuation

- The interest rate basis for computing funding liabilities and lump sums was updated to the current rates as described in IRS Reg. Section 1.430(h)(2)-1.
- The mortality assumption was updated according to the projection specified by IRS Reg. Section 1.430(h)(3)-1, with separate annuitant and non-annuitant static mortality tables.
- The mortality assumption used to compute lump sums was updated according to the projection specified in IRS Notice 2017-60.
- The expected plan related expenses added to the Target Normal Cost were updated from $571,577 to $551,981.
- The change in assumptions listed above increased the Funding Target by approximately $16.9M.

COVIA HOLDINGS CORPORATION PENSION PLAN
EIN/PN: 13-2656671/003

ATTACHMENT TO 2018 SCHEDULE H (FORM 5500), LINE 4J

The Schedule of Reportable Transactions is included in the “Accountant Opinion/IQPA Report” attachment.

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit 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

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

▶ **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
COVIA HOLDINGS CORPORATION PENSION PLAN

B Three-digit plan number (PN) ▶ 003

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
Covia Holdings Corporation

D Employer Identification Number (EIN)
13-2656671

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2018

2 Assets:

a Market value	**2a**	119,745,946
b Actuarial value	**2b**	119,745,946

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	262	25,037,947	25,037,947
b For terminated vested participants	278	13,250,276	13,250,276
c For active participants	719	91,197,494	96,792,020
d Total	1,259	129,485,717	135,080,243

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	**4a**	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	**4b**	
5 Effective interest rate	**5**	3.84%
6 Target normal cost	**6**	7,430,662

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

June 7, 2019
Date

THOMAS L. MOSHER, FSA
Type or print name of actuary

1704490
Most recent enrollment number

Buck Global, LLC
Firm name

203-858-3277
Telephone number (including area code)

420 LEXINGTON AVENUE
Suite 2220
NEW YORK NY 10171
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 [ ]

Covia Holdings Corporation Pension Plan
EIN / PN: 13-2656671/003

Schedule SB, Line 22 – Description of Weighted Average Retirement Age

This table calculates the weighted average retirement age for all active persons in the plan

(1) Age	(2) Expected Active Headcount	(3) Retirement Rate	(4) Expected Retirements (2)*(3)	(5) Weighted Age (1)*(4)
60	486.1939	0.0191	9.2922	557.5348
61	495.4946	0.0381	18.8634	1150.6703
62	493.2987	0.1715	84.5963	5244.9720
63	428.9127	0.0492	21.1170	1330.3722
64	424.0443	0.0496	21.0148	1344.9452
65	416.1508	0.9954	414.2320	26925.0771
66	7.9096	1.0000	7.9096	522.0333
67	5.0000	1.0000	5.0000	335.0000
68	2.0000	1.0000	2.0000	136.0000
69	3.0000	1.0000	3.0000	207.0000
70	3.0000	1.0000	3.0000	210.0000
71	3.0000	1.0000	3.0000	213.0000
72	2.0000	1.0000	2.0000	144.0000
Total			**595.0254**	**38,320.6049**
Weighted Average Retirement Age = 38,320.6049 / 595.0254				**64.40**
Rounded Weighted Average Retirement Age				**64**

Note to Column 2: The Expected Active Headcount for each age includes persons who are eligible to retire and persons who are not eligible to retire at each age.

Note to Column 3: At each age, these retirement rates are a weighted average of the rates shown in Attachment to Part V for active participants eligible to retire at the age and zero for all other active participants.

General note: The table presents values rounded to fewer significant digits than used in the calculation.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions

Plan Provisions - Group B - Hourly Employees at Utica, Illinois

Effective Date

The effective date is January 1, 1971.

Date Last Amended

The last amended date was January 1, 2018.

Eligibility for Participation

An employee located at Utica, Illinois who is represented by local No. 422, United Glass & Ceramic Workers of America on the first of the month coincident with or following date of hire. The plan is closed to new entrants effective August 19, 2017.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service in a plan year shall earn a full year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2018:	$40.50 x benefit service
Effective January 1, 2017:	$39.50 x benefit service
Effective January 1, 2016:	$38.50 x benefit service
Effective January 1, 2015:	$37.50 x benefit service
Effective January 1, 2014:	$36.50 x benefit service
Effective January 1, 2013:	$36.00 x benefit service
Effective January 1, 2012:	$35.50 x benefit service
Effective January 1, 2011:	$34.50 x benefit service
Effective January 1, 2010:	$33.50 x benefit service
Effective January 1, 2009:	$32.50 x benefit service
Effective January 1, 2008:	$32.00 x benefit service

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 7.2% for each year that retirement precedes normal retirement date.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group B - Hourly Employees at Utica, Illinois (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement

Disability Benefits

Eligibility

Fifteen years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group C - Salaried Employees

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

A salaried, non-union employee enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The Qualified plan is closed to new entrants effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Compensation

Annual wage of salary paid to an employee while a participant of the plan excluding bonuses, overtime and commissions; the Qualified Plan limits to pay to $275,000, as indexed. The Restoration Plan covers accruals on pay in excess of the $275,000 indexed limit. The salary is frozen effective December 31, 2018.

Final Average Compensation

The highest five consecutive calendar years of the last 10 years' compensation (excluding bonuses, overtime and commissions) prior to termination.

Covered Compensation

The average of the taxable wage base in effect for each calendar year during the 35-year period ending with the last day of the calendar year in which the participant attains his social security retirement age.

Benefit Service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Former employees of the following locations shall have benefit service credited from the date of incorporation into Covia Holdings.

Marston, North Carolina	January 1, 1983
Martin Marietta	September 23, 1983
Blue Diamond	February 28, 1986
Tammsco	June 30, 1986
Mid-Continent	September 25, 1986
International Minerals and Chemical Corp.	December 4, 1986
Guion	January 1, 1989
Illinois Minerals Co.	October 12, 1989
Georgia Kaolin Co., Inc.	October 12, 1989
Aimcor	April 29, 1999
The Morie Co	December 13, 1996
WHIBCO	July 16, 1997
United Clay	September 1, 1999
Albion Kaolin Company	May 25, 2000
OI STS Inc.	November 1, 2000

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group C - Salaried Employees (continued)

Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. The benefit is frozen for all salaried employees effective December 31, 2018.

Vesting Service

All service from date of hire including service earned with predecessor employer.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

For benefit service up to 10 years:

1% of final average earnings up to covered compensation plus 1.5% of final average earnings in excess of covered compensation, multiplied by the years of benefit service (but not more than 10); plus

For benefit service over 10 years up to 35 years:

1.25% of final average compensation up to covered compensation plus 1.75% of final average compensation in excess of covered compensation, multiplied by the years of benefit service; plus

Prior plan benefits; or

The minimum benefit: $10 x 12 x (benefit service plus prior plan service), or for Utica Salaried employees, the benefit earned to December 31, 1988.

For employees affected by the $170,000 pay limited (indexed), the Qualified Plan benefit will not be less than the accrued benefit as of 12/31/93 plus post-1993 accruals with pay limited to $170,000 (indexed).

Early Retirement Benefits

Eligibility

Age 60 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service and earnings (if applicable) as of the date of retirement - unreduced if payable after the attainment of age 62; or reduced by 5% for each year by which the commencement date of the benefit precedes the attainment of age 62.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service and earnings as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group C - Salaried Employees (continued)

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service and earnings at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A lump sum value of the accrued benefit is payable.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70)

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group D - Hourly Employees at Gore, Virginia

Effective Date

The effective date is January 1, 1977.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Gore, Virginia enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008. The plan is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service in a plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2012:	$29.50 x benefit service after 1979
Effective January 1, 2011:	$29.00 x benefit service after 1979
Effective January 1, 2010:	$28.50 x benefit service after 1979
Effective January 1, 2009:	$27.50 x benefit service after 1979
Effective January 1, 2008:	$26.50 x benefit service after 1979
Effective January 1, 2007:	$26.00 x benefit service after 1979
Effective January 1, 2005:	$25.00 x benefit service after 1979
Effective January 1, 2003:	$24.00 x benefit service after 1979
Effective January 1, 2001:	$23.00 x benefit service after 1979
Effective January 1, 2000:	$22.00 x benefit service after 1979
Plus	
For all service before 1980:	$4.00 x benefit service before 1980

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service and earnings (if applicable) as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group D - Hourly Employees at Gore, Virginia (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service and earnings at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group E - Hourly Employees at Dividing Creek, New Jersey

Effective Date

The effective date is January 1, 1981.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Dividing Creek, New Jersey enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2018:	$35.50 x benefit service
Effective January 1, 2016:	$35.00 x benefit service
Effective January 1, 2013:	$34.50 x benefit service
Effective January 1, 2012:	$34.00 x benefit service
Effective January 1, 2011:	$33.50 x benefit service
Effective January 1, 2010:	$33.00 x benefit service
Effective January 1, 2009:	$32.00 x benefit service
Effective January 1, 2008:	$31.00 x benefit service
Effective January 1, 2007:	$30.00 x benefit service
Effective January 1, 2006:	$29.00 x benefit service
Effective January 1, 2005:	$27.00 x benefit service
Effective January 1, 2004:	$26.00 x benefit service

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group E - Hourly Employees at Dividing Creek, New Jersey (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group F - Hourly Employees at Marston, North Carolina

Effective Date

The effective date is January 1, 1983.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Marston, North Carolina enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since later of date of hire or January 1, 1983. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

Service since date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017:	$35.50 x benefit service
Effective January 1, 2016:	$35.00 x benefit service
Effective January 1, 2015:	$34.50 x benefit service
Effective January 1, 2014:	$34.00 x benefit service
Effective January 1, 2013:	$33.50 x benefit service
Effective January 1, 2012	$33.00 x benefit service
Effective January 1, 2011:	$33.00 x benefit service
Effective January 1, 2010:	$32.50 x benefit service
Effective January 1, 2009:	$32.00 x benefit service
Effective January 1, 2008:	$30.00 x benefit service
Effective January 1, 2007:	$28.00 x benefit service
Effective January 1, 2006:	$27.00 x benefit service
Effective January 1, 2005:	$26.00 x benefit service
Effective January 1, 2004:	$24.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group F - Hourly Employees at Marston, North Carolina (continued)

Early Retirement Benefits

Eligibility

Age 60 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit — based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group F - Hourly Employees at Marston, North Carolina (continued)

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group G - Hourly Employees at Byron, California

Effective Date

The effective date is January 1, 1988. The plant was sold on August 25, 2011.

Date Last Amended

The last amended date was January 1, 2011.

Eligibility for Participation

An employee located at Byron, California enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

All service since date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2011:	$36.00 x benefit service
Effective January 1, 2010:	$35.00 x benefit service
Effective January 1, 2009:	$33.00 x benefit service
Effective January 1, 2008:	$31.00 x benefit service
Effective January 1, 2005:	$29.00 x benefit service
Effective January 1, 2004:	$24.00 x benefit service
Effective January 1, 2003:	$22.50 x benefit service
Effective January 1, 2001:	$21.50 x benefit service

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Eligibility for Special Benefits

Participant has attained age 55 and completed 25 years of vesting service, and

The termination is due to a plant shutdown, or elimination of job position, i.e., not due to discharge for cause.

Special Early Retirement Benefits

Participants who become eligible will receive their early retirement benefit as noted above but without reduction for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group G - Hourly Employees at Byron, California (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be the actuarial equivalent of a ten-year certain and continuous annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group H - Hourly Employees at Industrial Sands Plants

Effective Date

The effective date is September 23, 1983.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Portage, Wisconsin; Festus/Pevely, Missouri; Oregon, Illinois; Michigan City, Indiana or Bridgeman, Michigan facilities enters the plan on the January 1 or July 1 on or after date of hire. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to non-union rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service from date of hire not exceeding 35 years (37 years effective 8/1/99). No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Former employees of Martin Marietta will have service credited from date of hire with prior employer. Benefit service ceased for the employees at Portage on December 31, 2002 and at Oregon on December 31, 2001. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire. Former employees of Martin Marietta will have service credited from date of hire with prior employer.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

A unit of benefit for each year of benefit service where a unit is defined as below for each location.

Maximum of 35 years of benefit service credited.

Location	Effective Date	Unit
Portage	August 1, 2000	$ 25.00
Bridgeman	January 1, 1988	$ 12.50
Michigan City	January 1, 1988	$ 12.50
Festus/Pevely	January 1, 2017	$ 34.00
	January 1, 2015	$ 33.50

Location	Effective Date	Unit
Festus/Pevely	January 1, 2013	$ 33.00
(continued)	January 1, 2011	$ 32.50
	January 1, 2010	$ 31.50
Oregon	January 1, 2001	$ 24.50
	January 1, 2000	$ 23.50

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group H - Hourly Employees at Industrial Sands Plants (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

15 years of vesting service.

Monthly Benefit

The normal retirement benefit -- based on benefit service at disability -- without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group I - Hourly Employees at Lugoff, South Carolina

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Lugoff, South Carolina enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or January 1, 1984. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service since date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2016:	$32.50 x benefit service
Effective January 1, 2014:	$32.00 x benefit service
Effective January 1, 2012:	$31.50 x benefit service
Effective January 1, 2011:	$31.00 x benefit service
Effective January 1, 2010:	$30.50 x benefit service
Effective January 1, 2009:	$29.50 x benefit service
Effective January 1, 2008:	$28.50 x benefit service
Effective January 1, 2007:	$28.00 x benefit service
Effective January 1, 2006:	$27.00 x benefit service
Effective January 1, 2005:	$26.50 x benefit service
Effective January 1, 2004:	$25.50 x benefit service
Effective January 1, 2003:	$24.50 x benefit service
Effective January 1, 2002:	$23.50 x benefit service
Effective January 1, 2001:	$21.50 x benefit service
Effective January 1, 2000:	$19.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group I - Hourly Employees at Lugoff, South Carolina (continued)

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Eligibility for Special Benefits

Participant has attained age 55 and completed 25 years of vesting service; and

The termination is due to a plant shutdown, or elimination of job position, i.e., not due to discharge for cause.

Special Early Retirement Benefits

Participants who become eligible will receive their early retirement benefit as noted above but without reduction for early commencement.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group I - Hourly Employees at Lugoff, South Carolina (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be the actuarial equivalent of a ten-year certain and continuous annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group J - Hourly Employees at Emmett, Idaho

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was January 1, 2019.

Eligibility for Participation

An employee located at Emmett, Idaho enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to new entrants effective January 1, 2010.

Definitions

Benefit service

Completed months of service from the later of January 1, 1984 or date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

All service from date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service for that particular plan year.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2019:	$36.50 x benefit service
Effective January 1, 2018:	$36.00 x benefit service
Effective January 1, 2017:	$35.00 x benefit service
Effective January 1, 2016:	$34.00 x benefit service
Effective January 1, 2015:	$33.00 x benefit service
Effective January 1, 2013:	$32.00 x benefit service
Effective January 1, 2012:	$30.00 x benefit service
Effective January 1, 2011:	$29.50 x benefit service
Effective January 1, 2010:	$28.00 x benefit service
Effective January 1, 2009:	$26.00 x benefit service
Effective January 1, 2007:	$24.00 x benefit service
Effective January 1, 2005:	$22.00 x benefit service
Effective January 1, 2004:	$20.00 x benefit service
Effective January 1, 2001:	$17.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group J - Hourly Employees at Emmett, Idaho (continued)

Early Retirement Benefits

Eligibility for Basic Benefits

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Eligibility for Special Benefits

Participant has attained age 55 and completed 25 years of vesting service, and

The termination is due to a plant shutdown, or elimination of job position, i.e., not due to discharge for cause.

Special Early Retirement Benefits

Participants who become eligible will receive their early retirement benefit as noted above but without reduction for early commencement.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group J - Hourly Employees at Emmett, Idaho (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be the actuarial equivalent of a ten year certain and continuous annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group K - Hourly Employees at Troy Grove, Illinois

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was January 1, 2018.

Eligibility for Participation

An employee located at Troy Grove, Illinois enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to new entrants effective November 1, 2017.

Definitions

Benefit service

Completed months of service from later of January 1, 1984 or date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

All service from date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service for that particular plan year.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2018:	$35.00 x benefit service
Effective January 1, 2017:	$34.50 x benefit service
Effective January 1, 2016:	$34.00 x benefit service
Effective January 1, 2015:	$33.50 x benefit service
Effective January 1, 2014:	$32.50 x benefit service
Effective January 1, 2013:	$31.00 x benefit service
Effective January 1, 2012:	$29.50 x benefit service
Effective January 1, 2011:	$28.00 x benefit service
Effective January 1, 2010:	$26.50 x benefit service
Effective January 1, 2008:	$26.00 x benefit service

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group K - Hourly Employees at Troy Grove, Illinois (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

Four years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be the actuarial equivalent of a ten-year certain and continuous life annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group L - Hourly Employees at Cleburne, Texas

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was January 1, 2018.

Eligibility for Participation

An employee located at Cleburne, Texas enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to new entrants effective September 1, 2017.

Definitions

Benefit service

Completed months of service from date of hire not exceeding 35 years. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

All service from date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service for that particular plan year.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

As follows, less the actuarial equivalent of the prior plan accrued benefit as of December 31, 1983.

Effective January 1, 2018:	$39.00 x benefit service
Effective January 1, 2017:	$38.00 x benefit service
Effective January 1, 2016:	$37.00 x benefit service
Effective January 1, 2015:	$36.00 x benefit service
Effective January 1, 2014:	$35.00 x benefit service
Effective January 1, 2013:	$34.00 x benefit service
Effective January 1, 2009:	$33.00 x benefit service

Maximum of 35 years of benefit service for those hired on or after January 1, 1983.

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group L - Hourly Employees at Cleburne, Texas (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

Four years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a ten year certain and continuous annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group M - Hourly Employees at Kasota, Minnesota

Effective Date

The effective date is January 1, 1985.

Date Last Amended

The last amended date was June 1, 2000.

Eligibility for Participation

An employee located at Kasota, Minnesota enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service.

Definitions

Benefit service

All service from date of hire. Employees who complete at least 1,000 hours of service in any plan year shall be credited with a year of benefit service for that particular plan year with a fractional service for completed months. Benefit service is frozen as of June 1, 2000.

Vesting service

All service from date of hire. Employees who complete 1,000 or more hours of service in any plan year shall be credited with a year of vesting service for that particular plan year.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective June 1, 2000: Benefits were frozen. Future benefits are provided under a Steelworkers multiemployer plan.

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group M - Hourly Employees at Kasota, Minnesota (continued)

Disability Benefits

Eligibility

No service requirement

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group O - Hourly Quartz Employees at Spruce Pine, North Carolina

Effective Date

The effective date is April 1, 1982.

Date Last Amended

The last amended date was January 1, 2015.

Eligibility for Participation

A Quartz employee represented by local #436, United Textile Workers of America located at Spruce Pines, North Carolina enters the plan on his date of hire. The plan is closed to new entrants effective April 9, 2010.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service in a plan year shall earn a full year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2015:	$35.00 x benefit service
Effective January 1, 2014:	$34.50 x benefit service
Effective January 1, 2013:	$34.00 x benefit service
Effective January 1, 2012:	$33.00 x benefit service
Effective January 1, 2011:	$32.50 x benefit service
Effective January 1, 2009:	$32.00 x benefit service
Effective January 1, 2008:	$31.50 x benefit service
Effective January 1, 2007:	$30.50 x benefit service

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group O - Hourly Quartz Employees at Spruce Pine, North Carolina (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

10 years of benefit service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group P - Hourly Employees at Roff, Oklahoma

Effective Date

The effective date is January 1, 1987.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Roff, Oklahoma enters the plan on the January 1 or July 1 after he has completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or January 1, 1987. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2016:	$28.00 x benefit service
Effective January 1, 2014:	$27.50 x benefit service
Effective January 1, 2011:	$27.00 x benefit service
Effective January 1, 2010:	$26.50 x benefit service
Effective January 1, 2009:	$24.50 x benefit service
Effective January 1, 2008:	$23.50 x benefit service
Effective January 1, 2007:	$22.00 x benefit service
Effective January 1, 2006:	$21.00 x benefit service
Effective January 1, 2005:	$20.00 x benefit service
Effective January 1, 2004:	$19.00 x benefit service
Effective January 1, 2003:	$18.50 x benefit service
Effective January 1, 2002:	$18.00 x benefit service
Effective January 1, 2001:	$17.50 x benefit service
Effective January 1, 2000:	$17.00 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group P - Hourly Employees at Roff, Oklahoma (continued)

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group P - Hourly Employees at Roff, Oklahoma (continued)

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group Q - Hourly Employees at Guion, Arkansas

Effective Date

The effective date is January 1, 1989.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Guion, Arkansas enters the plan on the January 1 or July 1 after he has completed at least one year of service, including service with Silica Products Co. Inc. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since later of date of hire or January 1, 1989. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire with Silica Products Co. Inc. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017:	$24.50 x benefit service
Effective January 1, 2015:	$24.00 x benefit service
Effective January 1, 2011:	$23.50 x benefit service
Effective January 1, 2010:	$23.00 x benefit service
Effective January 1, 2009:	$22.50 x benefit service
Effective January 1, 2008:	$21.00 x benefit service
Effective January 1, 2007:	$20.00 x benefit service
Effective January 1, 2006:	$19.00 x benefit service
Effective January 1, 2004:	$18.00 x benefit service
Effective January 1, 2003:	$17.00 x benefit service
Effective January 1, 2002:	$16.50 x benefit service
Effective January 1, 2001:	$16.00 x benefit service
Effective January 1, 2000:	$15.50 x benefit service

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group Q - Hourly Employees at Guion, Arkansas (continued)

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group Q - Hourly Employees at Guion, Arkansas (continued)

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group R - Hourly Employees at Mill Creek, Oklahoma

Effective Date

The effective date is March 1, 1990. The plant was sold on June 29, 2011.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee located at Mill Creek, Oklahoma enters the plan on the January 1 or July 1 after he has completed at least one year of service, including service with Delta Mining Company. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or March 1, 1990. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire with Delta Mining Company. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2011:	$25.00 x benefit service
Effective January 1, 2010:	$24.50 x benefit service
Effective January 1, 2009:	$23.50 x benefit service
Effective January 1, 2008:	$22.50 x benefit service
Effective January 1, 2007:	$21.50 x benefit service
Effective January 1, 2006:	$20.50 x benefit service
Effective January 1, 2005:	$20.00 x benefit service
Effective January 1, 2004:	$19.50 x benefit service
Effective January 1, 2003:	$19.00 x benefit service
Effective January 1, 2002:	$18.50 x benefit service
Effective January 1, 2001:	$18.00 x benefit service
Effective January 1, 2000:	$17.50 x benefit service

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group R - Hourly Employees at Mill Creek, Oklahoma (continued)

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group R - Hourly Employees at Mill Creek, Oklahoma (continued)

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group S - Hourly Crystal Employees at Spruce Pine, North Carolina

Effective Date

The effective date is May 1, 1991.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly Crystal plant employee located at Spruce Pine, North Carolina enters the plan on the January 1 or July after he has completed 1 year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or May 1, 1991. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire with Silica Products Co. Inc. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2016:	$34.00 x benefit service
Effective January 1, 2014:	$33.50 x benefit service
Effective January 1, 2012:	$33.00 x benefit service
Effective January 1, 2011:	$32.50 x benefit service
Effective January 1, 2010:	$32.00 x benefit service
Effective January 1, 2009:	$30.00 x benefit service
Effective January 1, 2008:	$28.00 x benefit service
Effective January 1, 2007:	$26.00 x benefit service
Effective January 1, 2004:	$25.00 x benefit service

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group S - Hourly Crystal Employees at Spruce Pine, North Carolina (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

Fifteen years of benefit service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement:

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement:

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group S - Hourly Crystal Employees at Spruce Pine, North Carolina (continued)

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities

Effective Date

The effective date is April 29, 1994 (merged into Covia Holdings Pension Plan effective November 28, 1994). The Green Mountain plant was sold on July 29, 2011. The Hamilton and Aurora plants were closed on December 30, 2011.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Archbold or Wadsworth, Ohio; Belvidere, Illinois; Green Mountain, North Carolina; Hamilton, Washington; Caldwell, Idaho; Aurora, Indiana or Aberdeen, Mississippi facilities enters the plan on his date of hire. The plan is closed to non-union hourly employees effective January 1, 2008. The Green Mountain (W) plan is closed effective March 6, 2010. The plan is closed to non-union rehires and transfers effective April 15, 2017.

Definitions

Benefit Service

Years of service shall equal service with Covia Holdings and credited service under the following plans of AIMCOR:

Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #20 IBT (Archbold Plan)

Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #325 IBT (Belvidere Plan)

Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #1510 UTW (Green Mountain Plan)

Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #788 IBT (Hamilton Plan)

Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #510 IBT (Wadsworth Plan)

Retirement Plan for Non-Union Hourly Employees of Applied Industrial Materials Corporation (Non-Union Plan)

The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting Service

All service from date of hire, including service with Aimcor.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities (continued)

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

A unit of benefit for each year of benefit service where a unit is defined as below for each location.

Group	Location	Effective Date	Unit
T	Archbold	January 1, 2007	$28.00
		January 1, 2006	27.00
		January 1, 2005	26.00
		January 1, 2004	25.00
		January 1, 2003	24.00
		January 1, 2002	23.50
		January 1, 2001	23.00
		January 1, 2000	22.00
V	Belvidere	January 1, 2008	$31.50
		January 1, 2007	30.50
		January 1, 2006	29.50
		January 1, 2005	29.00
		January 1, 2004	27.50
		January 1, 2002	26.50
		For service prior to June 30, 1979	8.00
W	Green Mountain	January 1, 2012	$31.50
		January 1, 2011	31.00
		January 1, 2010	30.00
		January 1, 2009	29.00
		January 1, 2008	28.50
		January 1, 2007	28.00
		January 1, 2006	27.50
		January 1, 2004	27.00
		January 1, 2000	24.00
X	Hamilton	January 1, 2013	$34.50
		January 1, 2012	33.50
		January 1, 2011	32.00
		January 1, 2010	31.00
		January 1, 2009	29.50
		January 1, 2008	28.50
		January 1, 2007	27.00
		January 1, 2006	25.00
U	Wadsworth	September 1, 2006	$33.50
		January 1, 2006	31.00
		January 1, 2003	29.00

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities (continued)

Group	Location	Effective Date	Unit
Y	Aurora	January 1, 2012	$23.00
		January 1, 2011	22.50
		January 1, 2010	22.00
		January 1, 2009	21.00
		January 1, 2008	20.00
		January 1, 2004	19.00
		January 1, 2002	18.50
		January 1, 2001	18.00
		January 1, 2000	17.50
		November 1, 1986[1]	15.00
Y	Aberdeen	January 1, 2006	$21.00
		January 1, 2005	20.50
		January 1, 2004	20.00
		January 1, 2003	19.50
		January 1, 2002	19.00
		January 1, 2001	18.50
		November 1, 1986[1]	15.00

Early Retirement Benefits

Group	Location	Eligibility	Unreduced	Reduced
T	Archbold	Age 55	None	Actuarially
V	Belvidere	Age 55	None	6.00% per year
W	Green Mountain	Age 55 + 10 years vesting service	None	Actuarially
X	Hamilton	Age 55 + 10 years vesting service	62 + 30 years of service	Actuarially
U	Wadsworth[2]	Age 55	None	Actuarially
Y	Non-Union	Age 55 + 10 years vesting service	None	Actuarially

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

---

[1] No service credit is granted before this date.

[2] 6% per year from age 65 for retirees age 62 with 30 years of service.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities (continued)

Disability Benefits[1]

Group	Location	Eligibility	Monthly Benefit
V	Belvidere	15 years of vesting service	Normal retirement benefit without reduction
W	Green Mountain	10 years of vesting service	Normal retirement benefit without reduction
U	Wadsworth	25 years of vesting service	Normal retirement benefit without reduction

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75% or 100% joint and survivor annuity.

[1] Group T, X, Y do not offer disability benefits.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group AA - Hourly Employees at Red Hill

Effective Date

The effective date is October 29, 1996.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee located at the Red Hill facility enters the plan on the nearest January 1 or July 1 after completing at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or October 29, 1996. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire or October 29, 1996 if later. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017	$38.50 x benefit service
Effective January 1, 2015	$38.00 x benefit service
Effective January 1, 2013	$37.50 x benefit service
Effective January 1, 2011	$37.00 x benefit service
Effective January 1, 2010	$36.00 x benefit service
Effective January 1, 2009	$35.50 x benefit service
Effective January 1, 2008	$33.50 x benefit service
Effective January 1, 2007	$32.50 x benefit service
Effective January 1, 2006	$31.00 x benefit service
Effective January 1, 2005	$30.00 x benefit service
Effective January 1, 2004	$28.00 x benefit service

Early Retirement Benefits

Eligibility for Basic Benefits

Age 62 with 10 years of vesting service.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group AA - Hourly Employees at Red Hill (continued)

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

15 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group AA - Hourly Employees at Red Hill (continued)

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group BB - Hourly Employees at Schoolhouse Quartz and Spruce Pine

Effective Date

The effective date is September 6, 1996.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee enters the plan January 1 or July 1 following completion of one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or September 6,1996. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire or September 6, 1996 if later. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Schoolhouse Quartz

Effective January 1, 2017:	$38.50 x benefit service
Effective January 1, 2015:	$38.00 x benefit service
Effective January 1, 2012:	$37.50 x benefit service
Effective January 1, 2011:	$37.00 x benefit service
Effective January 1, 2010:	$36.00 x benefit service
Effective January 1, 2009:	$35.50 x benefit service
Effective January 1, 2008:	$33.50 x benefit service
Effective January 1, 2007:	$32.50 x benefit service
Effective January 1, 2006:	$31.00 x benefit service
Effective January 1, 2005:	$30.00 x benefit service
Effective January 1, 2004:	$28.00 x benefit service
Effective January 1, 2003:	$27.00 x benefit service
Effective January 1, 2002:	$26.00 x benefit service
Effective January 1, 2001:	$25.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group BB - Hourly Employees at Schoolhouse Quartz and Spruce Pine (continued)

Spruce Pine

Effective January 1, 2018:	$38.50 x benefit service
Effective January 1, 2016:	$38.00 x benefit service
Effective January 1, 2013:	$37.50 x benefit service
Effective January 1, 2012:	$37.00 x benefit service
Effective January 1, 2011:	$36.00 x benefit service
Effective January 1, 2010:	$35.50 x benefit service
Effective January 1, 2009:	$34.00 x benefit service
Effective January 1, 2008:	$32.50 x benefit service
Effective January 1, 2007:	$31.00 x benefit service
Effective January 1, 2006:	$30.00 x benefit service
Effective January 1, 2005:	$28.00 x benefit service

Early Retirement Benefits

Eligibility for Basic Benefits

Age 62 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group BB - Hourly Employees at Schoolhouse Quartz and Spruce Pine (continued)

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group CC - Hourly Employees of Voca, Texas

Effective Date

The effective date is March 17, 1997.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly Voca plant employee located at Voca, Texas enters the plan on January 1, or July 1 after he has completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or March 17, 1997. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire or March 17, 1997 if later. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017:	$22.50 x benefit service
Effective January 1, 2015:	$22.00 x benefit service
Effective January 1, 2013:	$21.50 x benefit service
Effective January 1, 2011:	$21.00 x benefit service
Effective January 1, 2009:	$19.00 x benefit service
Effective January 1, 2008:	$17.50 x benefit service
Effective January 1, 2007:	$16.50 x benefit service
Effective January 1, 2005:	$15.50 x benefit service

Early Retirement Benefits

Eligibility for Basic Benefits

Age 62 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group CC - Hourly Employees of Voca, Texas (continued)

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement:

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group EE - Hourly Employees Employed at Tuscaloosa and Junction City Hourly

Effective Date

The effective date is April 1, 1971 (merged into the Covia Holdings Pension Plan effective December 31, 1996).

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee enters the plan on the January 1 or July 1 after he has completed at least one year of vesting service at the Georgia Silica Division or Alabama Silica Division. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Continuous service from date of hire. An employee who completes 1,000 hours of service shall earn a year of benefit service, with partial credit for a year of less than 1,000 hours. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service

Monthly Benefit

A unit of benefit for each year of benefit service[1] where a unit is defined as below for each location.

Alabama Silica		Georgia Silica	
January 1, 2011	$27.50	January 1, 2011	$27.50
January 1, 2010	27.00	January 1, 2010	27.00
January 1, 2009	25.50	January 1, 2009	25.50
January 1, 2008	24.50	January 1, 2008	24.50
January 1, 2007	23.50	January 1, 2007	23.50
January 1, 2006	22.50	January 1, 2006	22.50
January 1, 2005	21.50	January 1, 2005	21.50
January 1, 2004	20.50	January 1, 2004	20.50
January 1, 2003	20.00	January 1, 2003	20.00
January 1, 2002	19.50	January 1, 2002	19.50
January 1, 2001	19.00	January 1, 2001	19.00
January 1, 2000	18.50	January 1, 2000	18.50

[1] No service credited before April1, 1971.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group EE - Hourly Employees Employed at Tuscaloosa and Junction City Hourly (continued)

Early Retirement Benefits

Eligibility

Age 55 with 20 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - actuarially reduced for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65.

Monthly Benefit

Benefit based on service as of the date of retirement or, if greater, the normal retirement benefit actuarially increased for deferral past normal retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

Age 50 with 10 years of benefit service and eligible for Social Security disability benefits.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected with the exclusion of 87 employees eligible for a $750 lump sum benefit.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group EE - Hourly Employees Employed at Tuscaloosa and Junction City Hourly (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be to the actuarial equivalent of a ten year certain and continuous annuity.

Life annuity.

50% or 75% joint and survivor annuity.

Level income option.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group FF - Hourly Employees of Huntingburg, Indiana; Van Horn, Texas; and Troup, Texas

Effective Date

The effective date is September 1, 1999.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee located at Huntingburg, Indiana; Van Horn, Texas; or Troup, Texas enters the plan on the January 1 or July 1 after he has completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or September 1, 1999. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Troup

Effective January 1, 2017	$27.00 x benefit service
Effective January 1, 2013	$26.50 x benefit service
Effective January 1, 2012:	$26.00 x benefit service
Effective January 1, 2010:	$25.00 x benefit service
Effective January 1, 2009:	$24.00 x benefit service
Effective January 1, 2008:	$23.00 x benefit service
Effective January 1, 2006:	$22.00 x benefit service

Van Horn

Effective January 1, 2002:	$21.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group FF - Hourly Employees of Huntingburg, Indiana; Van Horn, Texas; and Troup, Texas (continued)

Huntingburg

Effective January 1, 2017:	$26.50 x benefit service
Effective January 1, 2015:	$26.00 x benefit service
Effective January 1, 2013:	$25.50 x benefit service
Effective January 1, 2011:	$25.00 x benefit service
Effective January 1, 2009:	$24.00 x benefit service
Effective January 1, 2008:	$23.00 x benefit service
Effective January 1, 2006:	$22.00 x benefit service
Effective January 1, 2002:	$21.50 x benefit service

Early Retirement Benefits

Eligibility for Basic Benefits

Age 62 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement proceeds normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

15 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group FF - Hourly Employees of Huntingburg, Indiana; Van Horn, Texas; and Troup, Texas (continued)

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group GG - Employees at McIntyre, Georgia

Effective Date

The effective date of the prior plan is January 1, 1969.

Date Last Amended

The last amended date was January 1, 2010.

Eligibility for Participation

An employee located at McIntyre, Georgia enter the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to new entrants effective January 1, 2010.

Definitions

Compensation

Annual wages or salary paid including Section 401(k) and Section 125 salary deferrals to an employee while a participant of the plan including overtime, commissions but excluding bonuses. The Qualified Plan limits pay to $275,000, as indexed.

Final Average Compensation

Average of the highest five consecutive calendar years of the last 10 calendar years compensation (as defined herein) prior to termination.

Covered Compensation

The average of the taxable wage base in effect for each calendar year during the 35 year period ending with the last day of the calendar year in which the participant attains his social security retirement age.

Vesting Service

For service prior to January 1, 1976, years and months of continuous service is credited from date of employment. For service on or after January 1, 1976, one Year of Service is credited for each calendar year with at least 1,000 hours of service.

Benefit Service

A participant is credited with one year of service for each calendar year with at least 1,000 hours beginning with the plan year in which he becomes an eligible participant. A participant that enters the plan on July 1 will be credited with 1 year for that plan year if he works 500 hours.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

1.2% of final average earnings plus 0.3% of final average earnings in excess of covered compensation, multiplied by the years of benefit service up to 35 years.

Early Retirement Benefits

Eligibility

Age 55 with 15 years of vesting service.

Monthly Benefit

The accrued benefit reduced by 0.4% for each month between ages 55 and 57 and 0.25% for each month between ages 57 and 65.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group GG - Employees at McIntyre, Georgia (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on benefit service and earnings as of the date of retirement.

Disability Benefits

Eligibility

5 years of vesting service.

Monthly Benefit

The benefit is equal to the actuarial equivalent of the accrued benefit.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

5 and 10 years certain and continuous annuity.

75% joint and survivor annuity.

Lump sum if value is less than $8,500.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group HH - Hourly Employees of Hephzibah, Georgia

Effective Date

The effective date of the prior plan is January 1, 1985.

Date Last Amended

The last amended date was January 1, 2017.

Eligibility for Participation

An hourly employee located at Hephzibah, Georgia enters the plan on the January 1 or July 1 after he has attained 21 and completed at least one year of service. An employee with one year of service as of June 20, 2000 automatically enters the plan. The plan is closed to new entrants effective January 1, 2009.

Definitions

Benefit service

Full years of employment with Babcock and Wilcox Company prior to January 1, 1985 and years and months of employment with United Catalysts, Inc. after January 1, 1985 are included.

Vesting service

Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017:	$28.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2015:	$27.50 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2009:	$27.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2008:	$26.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2007:	$25.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2006:	$24.50 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2005:	$24.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2004:	$23.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2003:	$22.50 x benefit service (after January 1, 1985), maximum 35 years of benefit service

Plus

$1.00 x benefit service prior to January 1, 1985

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group HH - Hourly Employees of Hephzibah, Georgia (continued)

Early Retirement Benefits

Eligibility

Earlier of age 62 with 10 years of benefit service or age 55 with 15 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by .40% for each month between early retirement and age 62.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit, but participant continues to earn benefit service until late retirement date.

Disability Benefits

Eligibility

10 years of vesting service and eligible for Social Security disability benefit.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability date - without reduction for early commencement.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant’s normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group HH - Hourly Employees of Hephzibah, Georgia (continued)

Forms of Payment

Normal Form

Life annuity if single. If participant dies between ages 65 and 70, payments continue to beneficiary until participant would have been 70. Actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

50%, 75% and 100% joint and survivor annuity.

Life annuity.

If participant dies between ages 65 and 70, payments continue to beneficiary until participant would have been 70.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group II - Hourly Employees at Ione, California

Effective Date

The effective date of the prior plan is September 23, 1983. The plant was closed on November 1, 2013.

Date Last Amended

The last amended date was January 1, 2014.

Eligibility for Participation

An hourly employee at Ione, California enters the plan on the January 1 or July 1 after he has completed at least one year of service.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

Employees who complete 1,000 hours of service in a plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

A monthly unit of benefit for each year of benefit service as defined below for each labor grade.

Section 1.02	Labor Grade	Effective Date	Unit
1-10		January 1, 2014	$51.00
		January 1, 2009	48.00
		January 1, 2008	41.00
		April 1, 2005	40.00
		April 1, 2003	37.00
		April 1, 2001	35.00
		April 1, 2000	34.00
11 - 15		January 1, 2014	$51.00
		January 1, 2009	48.00
		January 1, 2008	41.00
		April 1, 2005	40.00
		April 1, 2003	37.00
		April 1, 2001	36.00
		April 1, 2000	35.00

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group II - Hourly Employees at Ione, California (continued)

Section 1.02	Labor Grade	Effective Date	Unit
16 and above		January 1, 2014	$51.00
		January 1, 2009	48.00
		January 1, 2008	41.00
		April 1, 2005	40.00
		April 1, 2001	37.00
		April 1, 2000	36.00

Early Retirement Benefits

Eligibility

Later of age 60 or age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit – based on benefit service as of the date of retirement – reduced by 0.50% for each month prior to age 60. However, an employee age 55 with 30 years of benefit service or who is between the ages of 60 and 65 may retire with no reduction. If plant closing, unreduced at age 55 with 10 years of benefit service or 30 years of benefit service.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

10 years of benefit service and eligible for Social Security Disability Benefits.

Monthly Benefit

The normal retirement benefit — based on benefit service at disability date.

Death Benefits

Eligibility

Age 45 and 10 years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse the first day of the month following the date of death of the participant.

Post-Retirement

No death benefit other than those provided by the form of benefit payments selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group II - Hourly Employees at Ione, California (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced .5% for each month prior to normal retirement date for early commencement.

Forms of Payment

Normal Form

Life annuity with 72 months certain if single; actuarial equivalent 50% joint and survivor with 72 months certain if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

Level income option.

50%, 66%, 75% and 100% joint and survivor annuity.

10 years certain and continuous annuity.

COVIA HOLDINGS CORPORATION PENSION PLAN
EIN/PN: 13-2656671/003

ATTACHMENT TO 2018 SCHEDULE H (FORM 5500), LINE 4I

The Schedule of Assets Held at End of Year is included in the “Accountant Opinion / IQPA report” attachment.

Covia Holdings Corporation Pension Plan
EIN / PN: 13-2656671/003

Schedule SB, Line 32– Schedule of Amortization Bases

Type of Base	Present Value of Remaining Installments as of January 1, 2018	Date Established	Remaining Installments	Shortfall Amortization Installment
Shortfall	$10,597,522	1/1/2018	7	$1,632,518
Shortfall	$1,850,838	1/1/2017	6	$327,746
Shortfall	$14,567,688	1/1/2016	5	$3,052,541

Covia Holdings Corporation Pension Plan
EIN / PN: 12-2656671/003

Schedule SB, Line 24 – Change in Actuarial Assumptions

The assumed expenses added to the Target Normal Cost decreased from $571,577 to 551,981 to reflect the anticipated change in expenses. This change had no impact on the funding target.