

<b>Form 5500-SF</b>  Department of the Treasury Internal Revenue Service  Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	<b>Short Form Annual Return/Report of Small Employee Benefit Plan</b>  This form is required to be filed 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).  <b>▶ Complete all entries in accordance with the instructions to the Form 5500-SF.</b>	OMB Nos. 1210-0110 1210-0089  <div style="border: 1px solid black; padding: 5px; text-align: center; font-weight: bold; font-size: 1.2em;">2021</div> <b>This Form is Open to Public Inspection</b>
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<b>Part I</b>	<b>Annual Report Identification Information</b>
For calendar plan year 2021 or fiscal plan year beginning <u>01/01/2021</u> and ending <u>12/31/2021</u>	
<b>A</b> This return/report is for:	<input checked="" type="checkbox"/> a single-employer plan <input type="checkbox"/> a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
<b>B</b> This return/report is	<input type="checkbox"/> the first return/report <input type="checkbox"/> the final return/report <input type="checkbox"/> an amended return/report <input type="checkbox"/> a short plan year return/report (less than 12 months)
<b>C</b> Check box if filing under:	<input type="checkbox"/> Form 5558 <input type="checkbox"/> automatic extension <input type="checkbox"/> DFVC program <input type="checkbox"/> special extension (enter description)
<b>D</b> If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. . . . . <input type="checkbox"/>	

<b>Part II</b>	<b>Basic Plan Information</b> —enter all requested information		
<b>1a</b> Name of plan  <u>CARROTHERS &amp; CLOUGH, PLLC CASH BALANCE PLAN</u>  <b>2a</b> 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)  <u>CARROTHERS &amp; CLOUGH, PLLC</u>  <u>927 EAST DAVID STREET</u> <u>PO BOX 1660</u> <u>OGDENSBURG, NY 13669</u>	<b>1b</b> Three-digit plan number (PN) ▶	<u>002</u>	
	<b>1c</b> Effective date of plan	<u>01/01/2016</u>	
	<b>2b</b> Employer Identification Number (EIN)	<u>46-4219394</u>	
	<b>2c</b> Sponsor's telephone number	<u>315-393-2222</u>	
<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor.	<b>2d</b> Business code (see instructions)	<u>541110</u>	
	<b>3b</b> Administrator's EIN		
<b>4</b> 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. <b>a</b> Sponsor's name <b>c</b> Plan Name	<b>3c</b> Administrator's telephone number		
	<b>4b</b> EIN		
<b>5a</b> Total number of participants at the beginning of the plan year ..... <b>b</b> Total number of participants at the end of the plan year ..... <b>c</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)..... <b>d(1)</b> Total number of active participants at the beginning of the plan year ..... <b>d(2)</b> Total number of active participants at the end of the plan year ..... <b>e</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested .....	<b>4d</b> PN		
	<b>5a</b>	<u>10</u>	
	<b>5b</b>	<u>10</u>	
	<b>5c</b>		
	<b>5d(1)</b>	<u>10</u>	
	<b>5d(2)</b>	<u>9</u>	
<b>5e</b>	<u>0</u>		

<b>Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.</b>			
Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, 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.			
<b>SIGN HERE</b>	Filed with authorized/valid electronic signature.	<u>04/28/2022</u>	<u>ALICE CARROTHERS</u>
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
<b>SIGN HERE</b>			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) ..... ☒ Yes ☐ No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) ..... ☒ Yes ☐ No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? ..... ☐ Yes ☒ No ☐ Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year ..... (See instructions.)

**Part III Financial Information**

<b>7</b> Plan Assets and Liabilities		<b>(a) Beginning of Year</b>	<b>(b) End of Year</b>
<b>a</b> Total plan assets .....	<b>7a</b>	1348448	1628335
<b>b</b> Total plan liabilities .....	<b>7b</b>	0	
<b>c</b> Net plan assets (subtract line 7b from line 7a) .....	<b>7c</b>	1348448	1628335
<b>8</b> Income, Expenses, and Transfers for this Plan Year		<b>(a) Amount</b>	<b>(b) Total</b>
<b>a</b> Contributions received or receivable from:			
<b>(1)</b> Employers .....	<b>8a(1)</b>	100000	
<b>(2)</b> Participants .....	<b>8a(2)</b>	0	
<b>(3)</b> Others (including rollovers) .....	<b>8a(3)</b>	0	
<b>b</b> Other income (loss) .....	<b>8b</b>	192380	
<b>c</b> Total income (add lines 8a(1), 8a(2), 8a(3), and 8b) .....	<b>8c</b>		292380
<b>d</b> Benefits paid (including direct rollovers and insurance premiums to provide benefits) .....	<b>8d</b>	0	
<b>e</b> Certain deemed and/or corrective distributions (see instructions) .	<b>8e</b>	0	
<b>f</b> Administrative service providers (salaries, fees, commissions) .....	<b>8f</b>	12493	
<b>g</b> Other expenses .....	<b>8g</b>	0	
<b>h</b> Total expenses (add lines 8d, 8e, 8f, and 8g) .....	<b>8h</b>		12493
<b>i</b> Net income (loss) (subtract line 8h from line 8c) .....	<b>8i</b>		279887
<b>j</b> Transfers to (from) the plan (see instructions) .....	<b>8j</b>		

**Part IV Plan Characteristics**

- 9a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:  
1C 3D
- b** If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

**Part V Compliance Questions**

<b>10</b> During the plan year:		<b>Yes</b>	<b>No</b>	<b>Amount</b>
<b>a</b> Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program) .....	<b>10a</b>		X	
<b>b</b> Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.) .....	<b>10b</b>		X	
<b>c</b> Was the plan covered by a fidelity bond? .....	<b>10c</b>	X		140000
<b>d</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty? .....	<b>10d</b>		X	
<b>e</b> Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.) .....	<b>10e</b>		X	
<b>f</b> Has the plan failed to provide any benefit when due under the plan? .....	<b>10f</b>		X	
<b>g</b> Did the plan have any participant loans? (If "Yes," enter amount as of year-end.) .....	<b>10g</b>		X	
<b>h</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.) .....	<b>10h</b>			
<b>i</b> If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3 .....	<b>10i</b>			

**Part VI Pension Funding Compliance**

**11** Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 12 below..... ☒ Yes ☐ No

**a** Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 ..... **11a** 0

**b** **PBGC missed contribution reporting requirements.** If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

- ☐ Yes.
- ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.
- ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.
- ☐ No. Other. Provide explanation \_\_\_\_\_

**12** Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? ..... ☐ Yes ☒ No  
(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above.

**a** 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 letter ruling granting the waiver. .... Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.**

**b** Enter the minimum required contribution for this plan year ..... **12b**

**c** Enter the amount contributed by the employer to the plan for this plan year ..... **12c**

**d** Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) ..... **12d**

**e** Will the minimum funding amount reported on line 12d be met by the funding deadline? ..... ☐ Yes ☐ No ☐ N/A

**Part VII Plan Terminations and Transfers of Assets**

**13a** Has a resolution to terminate the plan been adopted in any plan year? ..... ☐ Yes ☒ No

If "Yes," enter the amount of any plan assets that reverted to the employer this year..... **13a**

**b** Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? ..... ☐ Yes ☒ No

**c** 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.)

<b>13c(1)</b> Name of plan(s):	<b>13c(2)</b> EIN(s)	<b>13c(3)</b> PN(s)

<b>SCHEDULE SB</b> <b>(Form 5500)</b>  Department of the Treasury Internal Revenue Service  Department of Labor Employee Benefits Security Administration  Pension Benefit Guaranty Corporation	<b>Single-Employer Defined Benefit Plan</b> <b>Actuarial Information</b>  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).  ▶ <b>File as an attachment to Form 5500 or 5500-SF.</b>	OMB No. 1210-0110  <b>2021</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

▶ **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.

<b>A</b> Name of plan <u>CARROTHERS &amp; CLOUGH, PLLC CASH BALANCE PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶ <u>002</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>CARROTHERS &amp; CLOUGH, PLLC</u>	<b>D</b> Employer Identification Number (EIN) <u>46-4219394</u>
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	<b>F</b> Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500

<b>Part I</b>	<b>Basic Information</b>
<b>1</b> Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2021</u>	
<b>2</b> Assets:	
<b>a</b> Market value .....	<b>2a</b> <u>1348024</u>
<b>b</b> Actuarial value .....	<b>2b</b> <u>1348024</u>
<b>3</b> Funding target/participant count breakdown	
<b>a</b> For retired participants and beneficiaries receiving payment .....	(1) Number of participants <u>0</u> (2) Vested Funding Target <u>0</u> (3) Total Funding Target <u>0</u>
<b>b</b> For terminated vested participants .....	<u>0</u> <u>0</u> <u>0</u>
<b>c</b> For active participants .....	<u>10</u> <u>886998</u> <u>887574</u>
<b>d</b> Total .....	<u>10</u> <u>886998</u> <u>887574</u>
<b>4</b> If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>	
<b>a</b> Funding target disregarding prescribed at-risk assumptions .....	<b>4a</b>
<b>b</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 .....	<b>4b</b>
<b>5</b> Effective interest rate .....	<b>5</b> <u>5.38</u> %
<b>6</b> Target normal cost .....	
<b>a</b> Present value of current plan year accruals .....	<b>6a</b> <u>240151</u>
<b>b</b> Expected plan-related expenses .....	<b>6b</b> <u>0</u>
<b>c</b> Total (line 6a + line 6b) .....	<b>6c</b> <u>240151</u>

**Statement by Enrolled Actuary**

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

<b>SIGN HERE</b>		<u>02/25/2022</u> Date
Signature of actuary		<u>20-03545</u> Most recent enrollment number
<u>SHERYL GABRIEL</u> Type or print name of actuary		<u>212-284-9021</u> Telephone number (including area code)
<u>BPAS ACTUARIAL &amp; PENSION SERVICES</u> Firm name		
<u>ONE GRAND CENTRAL PLACE</u> <u>60 EAST 42ND STREET, SUITE 1062</u> <u>NEW YORK, NY 10165</u> Address of the firm		

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

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

**Schedule SB (Form 5500) 2021**  
**v. 201209**

**Part II Beginning of Year Carryover and Prefunding Balances**

	(a) Carryover balance	(b) Prefunding balance
<b>7</b> Balance at beginning of prior year after applicable adjustments (line 13 from prior year) .....	0	0
<b>8</b> Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....	0	0
<b>9</b> Amount remaining (line 7 minus line 8) .....	0	0
<b>10</b> Interest on line 9 using prior year's actual return of <u>8.70</u> % .....	0	0
<b>11</b> Prior year's excess contributions to be added to prefunding balance:		
<b>a</b> Present value of excess contributions (line 38a from prior year) .....		338101
<b>b(1)</b> 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 <u>5.24</u> % .....		17716
<b>b(2)</b> Interest on line 38b from prior year Schedule SB, using prior year's actual return .....		0
<b>c</b> Total available at beginning of current plan year to add to prefunding balance .....		355817
<b>d</b> Portion of (c) to be added to prefunding balance .....		0
<b>12</b> Other reductions in balances due to elections or deemed elections .....	0	0
<b>13</b> Balance at beginning of current year (line 9 + line 10 + line 11d – line 12) .....	0	0

**Part III Funding Percentages**

<b>14</b> Funding target attainment percentage .....	<b>14</b>	151.87 %
<b>15</b> Adjusted funding target attainment percentage .....	<b>15</b>	151.87 %
<b>16</b> Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement .....	<b>16</b>	132.02 %
<b>17</b> If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage .....	<b>17</b>	%

**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
09/15/2021	100000	0			
<b>Totals ▶</b>			<b>18(b)</b>	100000	<b>18(c)</b> 0

**19** Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

<b>a</b> Contributions allocated toward unpaid minimum required contributions from prior years .....	<b>19a</b>	0
<b>b</b> Contributions made to avoid restrictions adjusted to valuation date .....	<b>19b</b>	0
<b>c</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date .....	<b>19c</b>	96356

**20** Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ 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

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

<b>21</b> Discount rate:				
<b>a</b> Segment rates:	1st segment: 4.75 %	2nd segment: 5.36 %	3rd segment: 6.11 %	<input type="checkbox"/> N/A, full yield curve used
<b>b</b> Applicable month (enter code) .....				<b>21b</b> 0
<b>22</b> Weighted average retirement age .....				<b>22</b> 66
<b>23</b> Mortality table(s) (see instructions) <input checked="" type="checkbox"/> Prescribed - combined <input type="checkbox"/> Prescribed - separate <input type="checkbox"/> Substitute				

**Part VI Miscellaneous Items**

<b>24</b> Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ....	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>25</b> Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ....	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>26</b> Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ....	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>27</b> If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment. ....	<b>27</b>

**Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years**

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

**Part VIII Minimum Required Contribution For Current Year**

<b>31</b> Target normal cost and excess assets (see instructions):			
<b>a</b> Target normal cost (line 6c) .....	<b>31a</b>	240151	
<b>b</b> Excess assets, if applicable, but not greater than line 31a .....	<b>31b</b>	240151	
<b>32</b> Amortization installments:	Outstanding Balance	Installment	
<b>a</b> Net shortfall amortization installment .....	0	0	
<b>b</b> Waiver amortization installment .....	0	0	
<b>33</b> 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 .....	<b>33</b>		
<b>34</b> Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) .....	<b>34</b>	0	
	Carryover balance	Prefunding balance	Total balance
<b>35</b> Balances elected for use to offset funding requirement .....			0
<b>36</b> Additional cash requirement (line 34 minus line 35) .....	<b>36</b>	0	
<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) .....	<b>37</b>	96356	
<b>38</b> Present value of excess contributions for current year (see instructions)			
<b>a</b> Total (excess, if any, of line 37 over line 36) .....	<b>38a</b>	96356	
<b>b</b> Portion included in line 38a attributable to use of prefunding and funding standard carryover balances .....	<b>38b</b>	0	
<b>39</b> Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) .....	<b>39</b>	0	
<b>40</b> Unpaid minimum required contributions for all years .....	<b>40</b>	0	

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

<b>41</b> If an election was made to use PRA 2010 funding relief for this plan:			
<b>a</b> Schedule elected .....	<input type="checkbox"/> 2 plus 7 years	<input type="checkbox"/> 15 years	
<b>b</b> Eligible plan year(s) for which the election in line 41a was made .....	<input type="checkbox"/> 2008	<input type="checkbox"/> 2009	<input type="checkbox"/> 2010 <input type="checkbox"/> 2011

## ACTUARIAL ASSUMPTIONS AND METHODS

The valuation of a defined benefit pension plan involves estimates and assumptions about the probability of events occurring far into the future. Examples include assumptions about future employment, mortality, and retirement. Below is a description of the actuarial assumptions and methods used in the valuation.

### Actuarial Cost Methods

**Funding Target Liability:** As required by PPA, the Traditional Unit Credit Cost Method is used.

**Actuarial Value of Assets:** Market Value, as provided by the Trustee.

### Funding Target Liability

**Valuation Date:** January 1, 2021

**Demographic Information:** The demographic information was provided as of January 1, 2021 by Carrothers & Clough, PLLC. Although we did not audit the data, we did review the data for reasonableness.

**Actuarial Valuation Software:** For purposes of developing the projected future benefit payments as well as determining attributed liabilities and normal costs as of the valuation date, we utilized the ASC software platform developed by Actuarial Systems Corporation. We believe this externally developed valuation system is appropriate, was used for its intended purpose, and did not produce unreasonable results.

**Interest Rates for Minimum Required Contribution:** The adjusted 24-month average January 2021 funding segment rates using 25-year average segment rate corridors were utilized as prescribed by IRC Section 430(h), MAP-21, HATFA, and ARPA.

Segment	Interest Rate
Segment 1	4.75%
Segment 2	5.36%
Segment 3	6.11%

Segment 1 is applied to benefit payments expected to be made in the first 5 years, segment 2 is applied to benefit payments expected to be made in the next 15 years and segment 3 is applied thereafter.

**Effective Interest Rate:** 5.38%

**Interest Rates for Maximum Alternative Contribution:** The January 2021 funding segment rates were utilized as prescribed by IRC Section 430(h), and elected by Carrothers & Clough, PLLC.

Segment	Interest Rate
Segment 1	1.75%
Segment 2	3.04%
Segment 3	3.65%

**Projected Cash Balance Interest Crediting Rate:** 4.00%

**Rate of Compensation Increase:** Salaries are assumed to remain constant until retirement.

**Retirement Rates:** Employees were assumed to retire at the later of Normal Retirement Age (age 65) and the January 1 following the Valuation date.

## ACTUARIAL ASSUMPTIONS AND METHODS

**Post-retirement Mortality:** The base mortality tables are the blended sex distinct RP-2014 mortality tables, adjusted backward to 2006 with Scale MP-2014. The base mortality table is adjusted by projecting mortality improvements using Scale MP-2019 from the year 2006 through 2021, with an additional projection period of 8 years for males and 9 years for females. For ages below 80, the additional projection period is increased by 1 year for each year below age 80. For ages above 80, the additional projection period is reduced (but not below zero) by 1/3 year for each year above 80.

**Administrative Expenses:** Actual plan expenses, not including investment advisory fees, paid out of the trust during the previous plan year, rounded to the nearest thousand dollars - \$0.

**Form of Benefit:** 100% of active participants are assumed to receive a deferred lump sum distribution at their assumed retirement age. 100% of terminated vested participants are assumed to receive an immediate lump sum distribution.



**SCHEDULE SB  
(Form 5500)**Department of the Treasury  
Internal Revenue ServiceDepartment 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

**2021****This Form is Open to Public Inspection**For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021▶ **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.

<b>A</b> Name of plan Carrothers & Clough, PLLC Cash Balance Plan		<b>B</b> Three-digit plan number (PN) ▶ 002
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Carrothers & Clough, PLLC		<b>D</b> Employer Identification Number (EIN) 46-4219394
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B		<b>F</b> Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500

**Part I Basic Information**

<b>1</b> Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2021</u>			
<b>2</b> Assets:			
<b>a</b> Market value .....		<b>2a</b>	1,348,024
<b>b</b> Actuarial value .....		<b>2b</b>	1,348,024
<b>3</b> Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
<b>a</b> For retired participants and beneficiaries receiving payment.....	0	0	0
<b>b</b> For terminated vested participants.....	0	0	0
<b>c</b> For active participants .....	10	886,998	887,574
<b>d</b> Total.....	10	886,998	887,574
<b>4</b> If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
<b>a</b> Funding target disregarding prescribed at-risk assumptions .....		<b>4a</b>	
<b>b</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.....		<b>4b</b>	
<b>5</b> Effective interest rate .....		<b>5</b>	5.38%
<b>6</b> Target normal cost.....			
<b>a</b> Present value of current plan year accruals.....		<b>6a</b>	240,151
<b>b</b> Expected plan-related expenses .....		<b>6b</b>	0
<b>c</b> Total (line 6a + line 6b) .....		<b>6c</b>	240,151

**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**

Sheryl Gabriel

Signature of actuary

Sheryl Gabriel

Type or print name of actuary

BPAS Actuarial &amp; Pension Services

Firm name

One Grand Central Place  
60 East 42nd Street, Suite 1062  
New York NY 10165

Address of the firm

2/25/2022

Date

2003545

Most recent enrollment number

212-284-9021

Telephone number (including area code)

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

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

Schedule SB (Form 5500) 2021  
v. 201209

**Part II Beginning of Year Carryover and Prefunding Balances**

	(a) Carryover balance	(b) Prefunding balance
<b>7</b> Balance at beginning of prior year after applicable adjustments (line 13 from prior year) .....	0	0
<b>8</b> Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....	0	0
<b>9</b> Amount remaining (line 7 minus line 8) .....	0	0
<b>10</b> Interest on line 9 using prior year's actual return of <u>8.70%</u> .....	0	0
<b>11</b> Prior year's excess contributions to be added to prefunding balance:		
<b>a</b> Present value of excess contributions (line 38a from prior year) .....		338,101
<b>b(1)</b> 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 <u>5.24%</u> .....		17,716
<b>b(2)</b> Interest on line 38b from prior year Schedule SB, using prior year's actual return .....		0
<b>c</b> Total available at beginning of current plan year to add to prefunding balance .....		355,817
<b>d</b> Portion of (c) to be added to prefunding balance .....		0
<b>12</b> Other reductions in balances due to elections or deemed elections .....	0	0
<b>13</b> Balance at beginning of current year (line 9 + line 10 + line 11d - line 12) .....	0	0

**Part III Funding Percentages**

<b>14</b> Funding target attainment percentage .....	<b>14</b>	151.87%
<b>15</b> Adjusted funding target attainment percentage .....	<b>15</b>	151.87%
<b>16</b> Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement .....	<b>16</b>	132.02%
<b>17</b> If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage .....	<b>17</b>	%

**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
09/15/2021	100,000	0			
<b>Totals ▶</b>			<b>18(b)</b>	100,000	<b>18(c)</b> 0

**19** Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

<b>a</b> Contributions allocated toward unpaid minimum required contributions from prior years .....	<b>19a</b>	0
<b>b</b> Contributions made to avoid restrictions adjusted to valuation date .....	<b>19b</b>	0
<b>c</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date .....	<b>19c</b>	96,356

**20** Quarterly contributions and liquidity shortfalls:

**a** Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No

**b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ 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

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

<b>21</b> Discount rate:			
<b>a</b> Segment rates:	1st segment: 4.75 %	2nd segment: 5.36 %	3rd segment: 6.11 %
			<input type="checkbox"/> N/A, full yield curve used
<b>b</b> Applicable month (enter code) .....			<b>21b</b> 0
<b>22</b> Weighted average retirement age .....			<b>22</b> 66
<b>23</b> Mortality table(s) (see instructions) <input checked="" type="checkbox"/> Prescribed - combined <input type="checkbox"/> Prescribed - separate <input type="checkbox"/> Substitute			

**Part VI Miscellaneous Items**

<b>24</b> Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ....	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>25</b> Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ....	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>26</b> Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ....	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>27</b> If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment. ....	<b>27</b>

**Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years**

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

**Part VIII Minimum Required Contribution For Current Year**

<b>31</b> Target normal cost and excess assets (see instructions):			
<b>a</b> Target normal cost (line 6c) .....		<b>31a</b>	240,151
<b>b</b> Excess assets, if applicable, but not greater than line 31a .....		<b>31b</b>	240,151
<b>32</b> Amortization installments:		Outstanding Balance	Installment
<b>a</b> Net shortfall amortization installment .....		0	0
<b>b</b> Waiver amortization installment .....		0	0
<b>33</b> 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 .....		<b>33</b>	
<b>34</b> Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) .....		<b>34</b>	0
	Carryover balance	Prefunding balance	Total balance
<b>35</b> Balances elected for use to offset funding requirement .....			0
<b>36</b> Additional cash requirement (line 34 minus line 35) .....		<b>36</b>	0
<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) .....		<b>37</b>	96,356
<b>38</b> Present value of excess contributions for current year (see instructions)			
<b>a</b> Total (excess, if any, of line 37 over line 36) .....		<b>38a</b>	96,356
<b>b</b> Portion included in line 38a attributable to use of prefunding and funding standard carryover balances .....		<b>38b</b>	0
<b>39</b> Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) .....		<b>39</b>	0
<b>40</b> Unpaid minimum required contributions for all years .....		<b>40</b>	0

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

<b>41</b> If an election was made to use PRA 2010 funding relief for this plan:	
<b>a</b> Schedule elected .....	<input type="checkbox"/> 2 plus 7 years <input type="checkbox"/> 15 years
<b>b</b> Eligible plan year(s) for which the election in line 41a was made .....	<input type="checkbox"/> 2008 <input type="checkbox"/> 2009 <input type="checkbox"/> 2010 <input type="checkbox"/> 2011



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

Carrothers & Clough, PLLC Cash Balance Plan

EIN: 46-4219394 Plan Number: 002

Participants were assumed to retire at age 65 or at the end of the plan year.

<b>Number of Participants</b>	<b>Assumed Retirement Age</b>
9	65
1	74
<b>Average</b>	<b>66</b>

## SUMMARY OF PLAN PROVISIONS

This summary is intended as an outline of plan provisions and does not alter the intent or meaning of the provisions contained in the plan document.

<b>Effective Date of Plan:</b>	January 1, 2016
<b>Last Amendment Date:</b>	January 1, 2021
<b>Plan Year:</b>	Each consecutive 12-month period ending on December 31 <sup>st</sup> .
<b>Eligibility:</b>	Employees become eligible to participate in the plan on the January 1 <sup>st</sup> , April 1 <sup>st</sup> , July 1 <sup>st</sup> , or October 1 <sup>st</sup> coincident with or next following the attainment of age 21 and the completion of a Year of Eligibility Service.
<b>Normal Retirement Date:</b>	The actual date the participant attains age 65.
<b>Year of Service:</b>	Completion of at least 1,000 hours of service in a Plan Year.
<b>Compensation:</b>	Taxable wages on the participant's IRS Form W-2 including any amount deferred on a tax-preferred basis to any Company benefit plan. For any self-employed individual, Compensation means earned income.
<b>Accrued Benefit:</b>	If currently payable, a single life annuity which is actuarially equivalent to the current Hypothetical Account Balance. If not currently payable, a single life annuity payable at Normal Retirement Date which is actuarially equivalent to the projected Hypothetical Account Balance. The projected Hypothetical Account Balance is the current Hypothetical Account Balance plus the sum of future Interest Credits through Normal Retirement Date. The benefit shall not exceed the maximum permitted benefit under Internal Revenue Code Section 415.
<b>Late Retirement Benefit:</b>	Upon retirement after Normal Retirement Date, the Accrued Benefit, calculated and payable as of the Late Retirement Date.
<b>Hypothetical Account Balance:</b>	The balance of the account established for each participant, equal to the sum of Principal Credits and Interest Credits.
<b>Principal Credits:</b>	A dollar amount or percentage of annual compensation, depending on membership in an allocation group. The groups and the amounts effective January 1, 2021 are:

Group	Members	Credit
Group 1	Alice Carrothers	The lesser of \$140,000 or 50.00% of Compensation during the Principal Credit Period.
Group 2	Molly Clough	The lesser of \$140,000 or 50.00% of Compensation during the Principal Credit Period
Group 3	All Other Participants	2.50% of Compensation during the Principal Credit Period.

## SUMMARY OF PLAN PROVISIONS

A dollar amount or percentage of annual compensation, depending on membership in an allocation group. The groups and the amounts prior to January 1, 2021 are:

Group	Members	Credit
Group 1	Owners	The lesser of \$97,000 or 36.00% of Compensation during the Principal Credit Period.
Group 2	All Other Participants	2.50% of Compensation during the Principal Credit Period.

**Interest Credits:** The interest that is credited to a participant's Hypothetical Account Balance on the last day of the Plan Year, based on a fixed annual interest crediting rate of 4.00%.

**Vesting:** A participant is 100% vested upon the completion of 3 years of service.

**Pre-Retirement Death Benefit:** The actuarial equivalent of the vested balance of the participant's Hypothetical Account Balance when the Death Benefit is payable as an annuity. When the Death Benefit is payable as a lump sum, the amount payable is the vested Hypothetical Account Balance.

**Normal Form of Retirement Benefit:** A single life annuity. If married to a qualified spouse, a 100% qualified joint and survivor annuity, which is the actuarial equivalent of a life annuity.

**Optional Forms of Benefit:** Life Annuity  
50% Joint and Survivor Annuity  
Lump Sum