

Form 5500-SF Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Short Form Annual Return/Report of Small Employee Benefit Plan 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). ▶ Complete all entries in accordance with the instructions to the Form 5500-SF.	OMB Nos. 1210-0110 1210-0089 <div style="border: 1px solid black; padding: 5px; text-align: center; font-weight: bold;">2017</div> This Form is Open to Public Inspection
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Part I Annual Report Identification Information			
For calendar plan year 2017 or fiscal plan year beginning <u>01/01/2017</u> and ending <u>12/31/2017</u>			
A This return/report is for:	☒ a single-employer plan	☐ a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)	
	☐ a one-participant plan	☐ a foreign plan	
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 Check box if filing under:	☒ Form 5558	☐ automatic extension	☐ DFVC program
	☐ special extension (enter description)		

Part II Basic Plan Information —enter all requested information				
1a Name of plan <u>T&W MANAGEMENT SERVICES, LLC CASH BALANCE PLAN</u>	1b	Three-digit plan number (PN) ▶	002	
	1c	Effective date of plan	01/01/2014	
	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) <u>T&W MANAGEMENT SERVICES, LLC</u> <u>2215 E. WATERLOO RD.</u> <u>UNIT 313</u> <u>AKRON, OH 44312-2234</u>	2b Employer Identification Number (EIN)	26-3729083
		2c Sponsor's telephone number	330-208-2720	
	2d	Business code (see instructions)	621399	
3a Plan administrator's name and address ☒ Same as Plan Sponsor.	3b	Administrator's EIN		
	3c	Administrator's telephone number		
4 If the name and/or EIN of the plan sponsor 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 c Plan Name	4b	EIN		
	4d	PN		
5a Total number of participants at the beginning of the plan year	5a		59	
b Total number of participants at the end of the plan year	5b		65	
c Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	5c			
d(1) Total number of active participants at the beginning of the plan year	5d(1)		59	
d(2) Total number of active participants at the end of the plan year	5d(2)		65	
e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	5e		0	
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, 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.				
SIGN HERE	Filed with authorized/valid electronic signature.		08/16/2018	
	Signature of plan administrator		WALID LABABIDI	
SIGN HERE	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 4080233. (See instructions.)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	882154	1338728
b Total plan liabilities	7b	0	0
c Net plan assets (subtract line 7b from line 7a)	7c	882154	1338728
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	360006	
(2) Participants	8a(2)	0	
(3) Others (including rollovers)	8a(3)	0	
b Other income (loss)	8b	96568	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		456574
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	0	
e Certain deemed and/or corrective distributions (see instructions)	8e	0	
f Administrative service providers (salaries, fees, commissions)	8f	0	
g Other expenses	8g	0	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		0
i Net income (loss) (subtract line 8h from line 8c)	8i		456574
j Transfers to (from) the plan (see instructions)	8j	0	

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:
1A 1C 1D
- 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

10 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? (See instructions and DOL's Voluntary Fiduciary Correction Program)	10a		☒	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b		☒	
c Was the plan covered by a fidelity bond?	10c	☒		250000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d		☒	
e 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.)	10e		☒	
f Has the plan failed to provide any benefit when due under the plan?	10f		☒	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)	10g		☒	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h		☒	
i 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	10i			

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 line 11a below) ☒ Yes ☐ No

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

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.)

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.)

13c(1) Name of plan(s):	13c(2) EIN(s)	13c(3) PN(s)

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 2017 This Form is Open to Public Inspection
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For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

▶ **Round off amounts to nearest dollar.**
▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>T&W MANAGEMENT SERVICES, LLC CASH BALANCE PLAN</u>	B Three-digit plan number (PN) ▶ <u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>T&W MANAGEMENT SERVICES, LLC</u>	D Employer Identification Number (EIN) <u>26-3729083</u>

E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500
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Part I Basic Information

1 Enter the valuation date: Month <u>12</u> Day <u>31</u> Year <u>2017</u>			
2 Assets:			
a Market value	2a	<u>978722</u>	
b Actuarial value	2b	<u>978722</u>	
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	<u>0</u>	<u>0</u>	<u>0</u>
b For terminated vested participants	<u>0</u>	<u>0</u>	<u>0</u>
c For active participants	<u>65</u>	<u>793189</u>	<u>793189</u>
d Total	<u>65</u>	<u>793189</u>	<u>793189</u>
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	<u>5.72 %</u>	
6 Target normal cost	6	<u>318914</u>	

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

SIGN HERE		
Signature of actuary <u>MICHAEL M. SPICKARD, EA, MSPA, CPC</u>	<u>08/14/2018</u>	Date
Type or print name of actuary <u>CBIZ RETIREMENT PLAN SERVICES</u>	<u>17-05310</u>	Most recent enrollment number
Firm name <u>13680 CLEVELAND AVENUE NW UNIONTOWN, OH 44685</u>	<u>330-644-2044</u>	Telephone number (including area code)
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	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	0	0
10 Interest on line 9 using prior year's actual return of <u>7.10</u> %	0	0
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		123035
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 <u>5.91</u> %		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		123035
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14 Funding target attainment percentage	14	123.39%
15 Adjusted funding target attainment percentage	15	119.98%
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	118.31%
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
03/21/2018	360006	0			
Totals ▶			18(b)	360006	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	355644

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**21** Discount rate:**a** Segment rates:

1st segment:

4.16%

2nd segment:

5.72%

3rd segment:

6.48%

☐ N/A, full yield curve used**b** Applicable month (enter code)**21b**

0

22 Weighted average retirement age.....**22**

62

23 Mortality table(s) (see instructions) ☒ 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..... ☐ Yes ☒ No**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment..... ☐ Yes ☒ No**26** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment..... ☒ 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**

318914

b Excess assets, if applicable, but not greater than line 31a**31b**

185533

32 Amortization installments:

Outstanding Balance

Installment

a Net shortfall amortization installment.....

0

0

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**

133381

Carryover balance

Prefunding balance

Total balance

35 Balances elected for use to offset funding requirement.....

0

0

0

36 Additional cash requirement (line 34 minus line 35).....**36**

133381

37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)**37**

355644

38 Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36)**38a**

222263

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**42** Amount of acceleration adjustment**42**

0

43 Excess installment acceleration amount to be carried over to future plan years**43**

0

SCHEDULE SB ATTACHMENT

Line 26 - Schedule of Active Participant Data

Plan Name: T&W Management Services, LLC Cash Balance Plan

EIN/PN: 26-3729083/002

Valuation Date: December 31, 2017

Years of Credited Service

Attained Age	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & Up	TOTAL
Under 25	-	3	-	-	-	-	-	-	-	-	3
25 to 29	-	4	2	-	-	-	-	-	-	-	6
30 to 34	-	6	2	-	-	-	-	-	-	-	8
35 to 39	-	5	1	-	-	-	-	-	-	-	6
40 to 44	-	7	3	-	-	-	-	-	-	-	10
45 to 49	-	8	2	1	-	-	-	-	-	-	11
50 to 54	-	6	6	1	-	-	-	-	-	-	13
55 to 59	-	3	-	-	-	-	-	-	-	-	3
60 to 64	-	1	1	1	-	-	-	-	-	-	3
65 to 69	-	1	-	-	-	-	-	-	-	-	1
70 & Up	-	-	1	-	-	-	-	-	-	-	1
Total	-	44	18	3	-	-	-	-	-	-	65

ACTUARIAL ASSUMPTIONS

Funding Discount Rates

IRS-Prescribed Three-Segment Rates, for the month that includes the valuation date (Dec).

	Non-Stabilized	Limited to 25-Year Corridor
Segment I:	1.79%	4.16%
Segment II:	3.70%	5.72%
Segment III:	4.56%	6.48%

The "Limited to 25 Year Corridor" rates are adjusted by the applicable maximum and applicable minimum percentages of the 25-year average segment rates, as set forth in the Highway and Transportation Funding Act of 2014 ('HATFA-14') for use in Minimum Required Contribution calculations. The IRS Maximum Deductible Limit Calculations use the rates from the "Non-Stabilized" column above.

Effective Interest Rate

The Effective Interest Rate (EIR) for the 2017 Plan Year was 5.72%. For the prior Plan year, the EIR was 5.91%.

The EIR is the single rate of interest which, if used to determine the Funding Target, would equal the Funding Target determined using the plan sponsor's above elected discount rates. The EIR is used to discount contributions for minimum funding requirements and to accumulate excess contributions to the end of the year.

Mortality Table Elected

\$430(h) Optional Combined Annuitant/Non-Annuitant Tables for the Current Plan Year

Actuarial Equivalence

Actuarial equivalence under the Plan is as follows.

For converting Cash Balances to Single Life Annuities:

	Interest Rate:	Mortality Table:
Pre-Retirement:	2.50%	None.
Post Retirement:	2.50%	2017 417(e)

* IRS 417(e) Interest rates with a September lookback month:

Segment I:	1.57%
Segment II:	3.45%
Segment III:	4.39%

ACTUARIAL ASSUMPTIONS (cont)

Future Interest Crediting Rate	Annual Interest Crediting Assumption: 4.50%
Expected Return on Assets	Not applicable for funding calculation purposes. A smoothing method is not used to calculate the Actuarial Value of Assets; therefore, the Expected Return on Assets is not used.
Expenses	Expenses were assumed to be met directly by the Plan Sponsor.
Withdrawal Rates	None.
	<u>Benefit Commencement Age</u> Future deferred vested participants are assumed to commence at the Plan's Normal Retirement Age, or valuation age, if later.
Disability Incidence	None.
Disability Mortality	None.
Retirement Rates	None.
Spousal Assumptions	None.
	Spouses are assumed to be the same age as Participants.
Form of Payment	Participants are assumed to take lump sums upon eligibility.
Changes in non-required assumptions since the prior valuation	None.

ACTUARIAL METHODS

Minimum Funding Cost Method

The actuarial cost method used to determine the liabilities for minimum funding calculations is the Traditional Unit Credit method. The objective under this method is to fund each participant's benefits under the plan as they accrue. Under this cost method, the actuarial accrued liability is the sum of the individual accrued liabilities for all participants and the normal cost is the sum of the individual normal costs for each participant. The individual accrued liability for a participant is the present value of the accrued benefit as of the valuation date taking into account service and/or pay as of the valuation date. The individual normal cost for a participant is the present value of the benefit expected to accrue in the plan year being valued.

If a plan is frozen, there is no normal cost attributable to benefit accruals.

Maximum deductible contribution method

The actuarial cost method used to determine the liabilities for maximum deductible calculations is the Projected Unit Credit method. The objective under this method is to fund each participant's benefits under the plan as they accrue, taking into consideration expected future compensation increases. Under this cost method, the actuarial accrued liability is the sum of the individual accrued liabilities for all participants and the normal cost is the sum of the individual normal costs for all participant. The individual accrued liability for a participant is the sum of 1) the present value of the accrued benefit earned as of the valuation date taking into account service and/or pay as of the valuation date; plus 2) the present value of the accrued benefit expected to be earned because of any expected future compensation increases.

The individual normal cost for a participant is the sum of the present value of the benefit expected to accrue in the plan year being valued taking into account any expected future compensation increases.

Asset Method

We used financial data submitted by the trustee as of the valuation date without further audit. This information was not be verified by a plan's actuary. We have reviewed the information for internal consistency, and we have no reason to doubt is substantial accuracy.

Changes in methods since the prior valuation

None.

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 2017 This Form is Open to Public Inspection
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For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

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

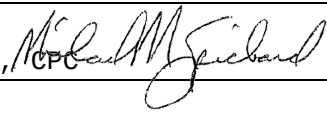
▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan T&W Management & Consulting, LLC Cash Balance Plan	B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF T&W Management & Consulting, LLC	D Employer Identification Number (EIN) 26-3729083
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500

Part I	Basic Information
1 Enter the valuation date: Month <u>12</u> Day <u>31</u> Year <u>2017</u>	
2 Assets:	
a Market value.....	2a 978,722
b Actuarial value	2b 978,722
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment	(1) Number of participants 0 (2) Vested Funding Target 0 (3) Total Funding Target 0
b For terminated vested participants	0 0 0
c For active participants	65 793,189 793,189
d Total	65 793,189 793,189
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 5.72%
6 Target normal cost	6 318,914

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	Michael M. Spickard, EA, MSPA, CPC 	08/14/2018
	Signature of actuary	Date
MICHAEL M. SPICKARD, EA, MSPA, CPC		1705310
	Type or print name of actuary	Most recent enrollment number
CBIZ RETIREMENT PLAN SERVICES		330-644-2044
	Firm name	Telephone number (including area code)
13680 CLEVELAND AVENUE NW		
UNIONTOWN OH 44685		
	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) 2017

SCHEDULE SB ATTACHMENT

Line 19 - Discounted Employer Contributions

Plan Name: T&W Management Services, LLC Cash Balance Plan

EIN/PN: 26-3729083/002

Valuation Date: December 31, 2017

Total Contributed: \$360,006.00

Total Discounted to Valuation Date: \$355,644.00

Date	Amount	Plan Year Beginning	Effective Rate of Interest	Amount Discounted	Penalty Rate of Interest	Additional Amount Discounted	Present Value on Date of Valuation
03/21/2018	360,006	01/2017	5.72%	4,362			355,644

SCHEDULE SB ATTACHMENT

Line 22 - Weighted Average Retirement Age

Plan Name: T&W Management Services, LLC Cash Balance Plan

EIN/PN: 26-3729083/002

Valuation Date: December 31, 2017

Each participant is assumed to retire at his/her normal retirement age of 62.

SUMMARY of PLAN BENEFITS

Plan Effective Date	January 1, 2014
Plan Anniversary Date	January 1, 2017
Cash Balance Plan Eligibility	Eligibility upon reaching age 21 and attaining 12 months of service
Plan Entry	First and 7th Month of the Plan Year
Normal Retirement Date	First of Month coincident with or next following age 62
Benefit Accruals (Units)	<p>Group One: 3% of Compensation plus the lesser of the maximum lump sum under Code Section 415 and 10 times Compensation in excess of \$200,000</p> <p>Group Two: 3% of Compensation plus the lesser of the maximum lump sum under Code Section 415 and 10 times Compensation in excess of \$200,000</p> <p>Group Three: 3% of Compensation</p> <p>Accrued Benefit are subject to concurrent offset by the annuity equivalent of a portion of the Profit Sharing accounts</p>
Normal Retirement Benefit	Units accrued at retirement
Compensation	W-2 Compensation not to exceed limit of \$270,000
Death Benefit	100% of Present Value of Accrued Benefits
Vesting Schedule	3 Year Cliff
Vesting Service	One year upon working 1,000 hours during the Plan Year
Early Retirement Benefit	None