

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; text-align: center; padding: 5px; font-weight: bold; font-size: 1.2em;">2022</div> This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>	
A	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	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)
C	Check box if filing under: <input checked="" type="checkbox"/> Form 5558 <input type="checkbox"/> automatic extension <input type="checkbox"/> DFVC program <input type="checkbox"/> special extension (enter description)
D	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. <input type="checkbox"/>

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>PAL ENVIRONMENTAL SAFETY CORP. CASH BALANCE PLAN</u>	1b	Three-digit plan number (PN) ► <u>002</u>
		1c	Effective date of plan <u>01/01/2015</u>
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>PAL ENVIRONMENTAL SAFETY CORP.</u> <u>11-02 QUEENS PLAZA SOUTH</u> <u>LONG ISLAND CITY, NY 11101</u>	2b	Employer Identification Number (EIN) <u>11-3167874</u>
		2c	Sponsor's telephone number <u>718-349-0900</u>
		2d	Business code (see instructions) <u>238900</u>
3a	Plan administrator's name and address <input checked="" type="checkbox"/> 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	<u>58</u>
b	Total number of participants at the end of the plan year	5b	<u>57</u>
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)	<u>44</u>
d(2)	Total number of active participants at the end of the plan year	5d(2)	<u>41</u>
e	Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	5e	<u>2</u>

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

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, 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.	10/04/2023	KATHLEEN RATTACASA
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/04/2023	KATHLEEN RATTACASA
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

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

Form 5500-SF (2022)
v.220413

- 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 473178. (See instructions.)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets.....	7a	4443603	5383025
b Total plan liabilities.....	7b	0	0
c Net plan assets (subtract line 7b from line 7a).....	7c	4443603	5383025
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers.....	8a(1)	1080800	
(2) Participants.....	8a(2)	0	
(3) Others (including rollovers).....	8a(3)	0	
b Other income (loss).....	8b	-115688	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b).....	8c		965112
d Benefits paid (including direct rollovers and insurance premiums to provide benefits).....	8d	6813	
e Certain deemed and/or corrective distributions (see instructions).....	8e	0	
f Administrative service providers (salaries, fees, commissions).....	8f	18877	
g Other expenses.....	8g	0	
h Total expenses (add lines 8d, 8e, 8f, and 8g).....	8h		25690
i Net income (loss) (subtract line 8h from line 8c).....	8i		939422
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:
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

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		X	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.).....	10b		X	
c Was the plan covered by a fidelity bond?.....	10c	X		500000
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		X	
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		X	
f Has the plan failed to provide any benefit when due under the plan?.....	10f		X	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.).....	10g		X	
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 lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete 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.)

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 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

▶ **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>PAL ENVIRONMENTAL SAFETY CORP. 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>PAL ENVIRONMENTAL SAFETY CORP.</u>	D Employer Identification Number (EIN) <u>11-3167874</u>
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F 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			
1 Enter the valuation date: Month <u>12</u> Day <u>31</u> Year <u>2022</u>			
2 Assets:			
a Market value.....		2a	<u>4302225</u>
b Actuarial value		2b	<u>4302225</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>13</u>	<u>87614</u>	<u>87614</u>
c For active participants.....	<u>46</u>	<u>3820743</u>	<u>3831278</u>
d Total	<u>59</u>	<u>3908357</u>	<u>3918892</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
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>5.26 %</u>
6 Target normal cost			
a Present value of current plan year accruals.....		6a	<u>984792</u>
b Expected plan-related expenses		6b	<u>0</u>
c Total (line 6a + line 6b)		6c	<u>984792</u>

Statement by Enrolled Actuary

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

SIGN HERE		<u>09/19/2023</u>
Signature of actuary		Date
<u>MICHAEL L. LIBMAN, FCA</u>		<u>23-02940</u>
Type or print name of actuary		Most recent enrollment number
<u>THE LIBMAN ACTUARIAL GROUP, INC.</u>		<u>216-398-3888</u>
Firm name		Telephone number (including area code)
<u>2307 E. AURORA ROAD, UNIT B-13</u> <u>TWINSBURG, OH 44087</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) 2022
v. 220413

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>2.73</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).....		365055
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>5.06</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.....		365055
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	109.78 %
15 Adjusted funding target attainment percentage	15	108.95 %
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	109.85 %
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
09/08/2023	1080800	0			
			Totals ►	18(b)	1080800
				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 1043298
20 Quarterly contributions and liquidity shortfalls:	
a Did the plan have a "funding shortfall" for the prior year? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? <input type="checkbox"/> Yes <input type="checkbox"/> 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: 4.75 %	2nd segment: 5.18 %	3rd segment: 5.92 %	<input type="checkbox"/> N/A, full yield curve used
b Applicable month (enter code).....				21b 2
22 Weighted average retirement age				22 63
23 Mortality table(s) (see instructions)	<input checked="" type="checkbox"/> Prescribed - combined <input type="checkbox"/> Prescribed - separate <input type="checkbox"/> 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.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
25 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
26 Demographic and benefit information		
a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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 6c).....	31a	984792	
b Excess assets, if applicable, but not greater than line 31a	31b	383333	
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	601459	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....			0
36 Additional cash requirement (line 34 minus line 35)	36	601459	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	1043298	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	441839	
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 the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input type="checkbox"/> 2021

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 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

▶ **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 PAL Environmental Safety Corp. 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 PAL Environmental Safety Corp.	D Employer Identification Number (EIN) 11-3167874
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F 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
1 Enter the valuation date: Month 12 Day 31 Year 2022	
2 Assets:	
a Market value	2a 4,302,225
b Actuarial value	2b 4,302,225
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	13 87,614 87,614
c For active participants	46 3,820,743 3,831,278
d Total	59 3,908,357 3,918,892
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>	
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 5.26%
6 Target normal cost	
a Present value of current plan year accruals	6a 984,792
b Expected plan-related expenses	6b 0
c Total (line 6a + line 6b)	6c 984,792

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		09/19/2023
Signature of actuary		Date
MICHAEL L. LIBMAN, FCA		2302940
Type or print name of actuary		Most recent enrollment number
THE LIBMAN ACTUARIAL GROUP, INC.		216-398-3888
Firm name		Telephone number (including area code)
2307 E. AURORA ROAD, UNIT B-13		
TWINSBURG OH 44087		
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) 2022
v. 220413

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>2.73</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)		365,055
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>5.06</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		365,055
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	109.78 %
15 Adjusted funding target attainment percentage	15	108.95 %
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	109.85 %
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
09/08/2023	1,080,800	0			
Totals ▶			18(b)	1,080,800	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 1,043,298

20 Quarterly contributions and liquidity shortfalls:	
a Did the plan have a "funding shortfall" for the prior year?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	<input type="checkbox"/> Yes <input type="checkbox"/> 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: 4.75 %	2nd segment: 5.18 %	3rd segment: 5.92 %	<input type="checkbox"/> N/A, full yield curve used
b Applicable month (enter code)				21b 2
22 Weighted average retirement age				22 63
23 Mortality table(s) (see instructions)	<input checked="" type="checkbox"/> Prescribed - combined <input type="checkbox"/> Prescribed - separate <input type="checkbox"/> 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.....	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
25 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
26 Demographic and benefit information	
a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 6c)	31a	984,792	
b Excess assets, if applicable, but not greater than line 31a	31b	383,333	
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	601,459	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement			0
36 Additional cash requirement (line 34 minus line 35)	36	601,459	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	1,043,298	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	441,839	
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 the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input type="checkbox"/> 2021

Attachment to Sch SB

Line 19 – Discounted Employer Contributions

PAL Environmental Safety Corp. Cash Balance Plan

EIN / PN: 11-3167874 / 002

<u>Date</u>	<u>Amount of Contribution</u>	<u>Plan Year Applied</u>	<u>Effective Interest Rate</u>	<u>Interest Adjusted Amount as of 12/31/22</u>
09/08/23	\$1,080,800.00	2022	5.26%	\$1,043,297.94
Totals	\$1,080,800.00			\$1,043,297.94

PAL Environmental Safety Corp. Cash Balance Plan
EIN / PN: 11-3167874 / 002

Each participant is assumed to retire at his/her Normal Retirement Age as shown on the Schedule SB, Line 22. Any participant who has already reached Normal Retirement Age is assumed to retire on the valuation date.

PAL Environmental Safety Corp. Cash Balance Plan

EIN / PN: 11-3167874 / 002

SUMMARY OF PRINCIPAL PLAN PROVISIONS

<u>Effective Date</u>	January 1, 2015
<u>Employees Covered</u>	<p>Shareholders, Spouses or Children of Shareholders and Non-Highly Compensated Employees with the following job titles:</p> <p>Administration, Finance, Laborers, Operations or Warehouse Employees</p> <p>All Eligible Employees enter on January 1 or July 1 coincident with or next following the date they complete one Year of Service and reach age 21.</p>
<u>Normal Retirement Eligibility</u>	The later of Age 62 and 5 Years of Participation
<u>Accrued Benefit</u>	Account Balance, but not less than a 0.5% of Compensation Minimum Annuity for Category III Participants.
<u>Annual Allocation</u>	<p>Category I (Shareholder): 1% of Compensation up to \$200,000 plus 10 times Section 414(s) Compensation above \$200,000.</p> <p>Category II (Spouse of Shareholder): 1% of Compensation up to \$5,000 plus 20 times Section 414(s) Compensation above \$5,000.</p> <p>Category III (Child of Shareholder): 1% of Compensation up to \$50,000 plus 10 times Section 414(s) Compensation above \$50,000.</p> <p>Category IV (All other eligible employees): \$500.</p> <p>Category V (Prior participants no longer eligible): 0% of Compensation.</p> <p>Notwithstanding the above, in years that the plan is Top Heavy and the Top Heavy minimum is not satisfied by any other plan maintained by the Employer, no non-key participant shall receive a benefit accrual under this plan that is less than the amount needed to provide the minimum Top Heavy accrued benefit.</p>
<u>Pre-Retirement Death Benefit</u>	The Participant's Vested Account Balance

PAL Environmental Safety Corp. Cash Balance Plan

EIN / PN: 11-3167874 / 002

SUMMARY OF PRINCIPAL PLAN PROVISIONS (Continued)Termination of EmploymentBenefit

The Participant's Vested Account Balance

A Participant's Vesting Percentage is determined according to the following schedule:

<u>Service</u>	<u>Vesting Percentage</u>
0-2 Years	0%
3 Years	100%

Contributions

The Company pays the actuarially determined cost of the Plan.

Plan Amendments

Most Recent Signed

Effective Date

2/5/20211/1/2020

There was no IRC 412(d)(2) election for this year.

Note

This plan is a statutory hybrid plan per the IRC Section 411(a)(13) and the IRS Regulations thereunder.

PAL Environmental Safety Corp. Cash Balance Plan

EIN / PN: 11-3167874 / 002

ACTUARIAL ASSUMPTIONS**Actuarial assumptions**Mortality

Active Employees

- ** Post-Retirement - For purpose of lump sum determination:
Pursuant to IRC 417(e): 2022 Applicable Table (Blended)
published in IRS Notice 2020-85
- * Pre-Retirement - 417(e)

Retired Employees

Same as active employees

Rate of Retirement

100% at age 68 for Category II participants

100% at the later of age 62 and 5 Years of Participation for others

Weighted Average Retirement Age

Age 63

Rate of Disability

* None

Salary Scale

* None

Rate of Employee Turnover

* None

Cash Balance Interest Credit Rate

2.06% per year

Provision for Expenses

None, as expenses are assumed to be paid directly by the
Plan Sponsor

Form of Benefit Payments

Lump Sum Distribution

Discount Rates

	<u>PPA</u>	<u>ARPA</u>
** Segment 1	1.57%	4.75%
** Segment 2	3.21%	5.18%
** Segment 3	3.66%	5.92%
Applicable Month	10/1/2022	10/1/2022
FAS 35	3.28%	n/a
Effective Rate	3.28%	5.26%

* Given Plan provisions and the Actuarial Cost Method, these assumptions would have no material impact on either the Minimum Funding Requirement or on the present value of future benefits payable from the Plan.

** The discount segment rates and mortality assumptions are prescribed by the IRC and IRS Regulations.

ACTUARIAL ASSUMPTIONS (Continued)

Actuarial Methods

Actuarial Cost Method

The actuarial cost method used to determine the actuarial Target Liability and Target Normal Cost is the Unit Credit Actuarial Cost Method, as required under IRC Section 430. The actuarial valuation date is the last day of the plan year.

Asset Valuation Method

Market value of all Trust Investments, plus any accrued but unpaid contributions to the Trust discounted to the Valuation Date.

Other Facts Relevant to the Valuation of This Plan

Employee Data

An employee census as of the Valuation Date was supplied by the Company and included all employees in the Eligible Class. We did not audit the census.

Asset Data

Asset data as of the Valuation Date and contribution amounts and dates were supplied by the Company. We did not audit the asset data.

Changes in Actuarial Assumption or Methods

The valuation interest rates are the rates required per IRC Section 430, and the cash balance interest credit rate is the 30-year treasury rate for the third full month immediately preceding the first month of the Plan Year. This year the credit rate is 2.06% compared to 1.57% last year.

The mortality assumptions used are those mandated by the Internal Revenue Service for this valuation, per IRC Section 430. Because this plan has fewer than 500 participants, we use the unisex assumptions.

Events and Trends Which Have Not Been Taken into Consideration

To the best of our knowledge, there has been no event or trend which has not been taken into consideration and which may require a material change in plan costs or required contribution rates. In addition, no Plan amendments adopted and effective after the valuation date of December 31, 2022 were considered for this Valuation, nor do any exist of which we are aware except statutory CPI increases in maximum benefits and considered compensation.

PAL Environmental Safety Corp. Cash Balance Plan EIN / PN: 11-3167874 / 002

AGE, SALARY AND SERVICE DISTRIBUTION OF ACTIVE PARTICIPANTS

Attained Age at 12/31/2022	PAL Environmental Safety Corp. Years of Participation						30+	Total
	0-4	5-9	10-14	15-19	20-24	25-29		
Under 25	1	0	0	0	0	0	0	1
25-29	6	0	0	0	0	0	0	6
30-34	2	1	0	0	0	0	0	3
35-39	3	3	0	0	0	0	0	6
40-44	1	1	0	0	0	0	0	2
45-49	6	3	0	0	0	0	0	9
50-54	2	1	0	0	0	0	0	3
55-59	4	4	0	0	0	0	0	8
60-64	2	2	0	0	0	0	0	4
Over 64	1	3	0	0	0	0	0	4
Total	28	18	0	0	0	0	0	46

Since there are fewer than 1,000 active participants, salary averages and cash balance account information are not required.