

Alaska Plumbers Plan

EIN/PN: 52-6103810 / 001

Application for Special Financial Assistance – Section D: Plan Statements

Section D, Item 5: Narrative on development of assumed future contributions and withdrawal liability payments

The section provides a detailed narrative description of the development of the following assumptions that differ from the Plan's original application:

- Projected future hours
- Projected future withdrawal payments

Each of these assumptions is described in detail below.

Projected Future Hours

The Plan's contribution base consists of three distinct areas, in terms of collective bargaining agreement, geography and type of work:

- Hours worked under Anchorage-based contracts (Local 367) cover primarily building and construction industry work in Southern Alaska.
- Hours worked under Fairbanks-based contracts (Local 375), excluding contracts that cover the North Slope and the Trans-Alaska Pipeline System (TAPS), cover primarily building and construction industry work in Northern Alaska.
- Hours worked on the North Slope or under the TAPS agreements, which are also negotiated by Local 375, are exclusively related to oil extraction and pipeline transit. This work is very cyclical based on oil prices and consumer demand. Currently, there is a large drilling and pipeline construction project (the Willow Project) which is expected to result in an increase in hours on the North Slope through the duration of the project. The project is expected to end in 2027, which is reflected in the projected hours developed below.

For each area, we developed an annual trend following the methodology described in the PBGC's Assumptions Guidance. When developing trend, the contribution of any employers who have been assessed withdrawal liability based on a withdrawal date prior to the measurement date of December 31, 2022 were excluded.

The determination of the trend for each of the distinct work areas is shown below. A detailed narrative describing the factors influencing the Plan's hours was provided in the Plan's original application.

Anchorage (Local 367) Trend

Below is the calculation of the geometric average rate of change in the hours worked in the Anchorage jurisdiction, net of withdrawn employers, over the last 10 plan years – excluding the “COVID Period” of 2020 and 2021.

| Local 367 | | | | |
|------------------------|--------------|------------------|------------|---------------|
| | <u>Total</u> | <u>Withdrawn</u> | <u>Net</u> | <u>Trend</u> |
| 2010 | 543,253 | 43,268 | 499,986 | N/A |
| 2011 | 517,798 | 44,946 | 472,852 | 0.95 |
| 2012 | 700,655 | 45,032 | 655,623 | 1.39 |
| 2013 | 504,554 | 41,354 | 463,200 | 0.71 |
| 2014 | 602,931 | 37,440 | 565,491 | 1.22 |
| 2015 | 644,866 | 35,895 | 608,971 | 1.08 |
| 2016 | 567,246 | 43,330 | 523,916 | 0.86 |
| 2017 | 479,125 | 39,968 | 439,157 | 0.84 |
| 2018 | 492,998 | 24,520 | 468,478 | 1.07 |
| 2019 | 425,184 | 10,087 | 415,097 | 0.89 |
| 2020 | 365,014 | 2,721 | 362,294 | COVID |
| 2021 | 351,610 | 1,370 | 350,240 | COVID |
| 2022 | 356,054 | 0 | 356,054 | N/A |
| Trend 2010-2019 | | | | -2.05% |

Based on the above calculation and the PBGC’s guidance, projected hours for Anchorage-based contracts were assumed to decrease 2.05% per year after 2022 and continuing for 10 years (2023-2032), followed by 1% annual reductions each year thereafter.

Fairbanks (Local 375, Excluding North Slope and TAPS) Trend

Below is the calculation of the geometric average rate of change in the hours worked in the Fairbanks jurisdiction (excluding the North Slope and TAPS), net of withdrawn employers, over the last 10 plan years – excluding the “COVID Period” of 2020 and 2021.

| Local 375, Fairbanks | | | | |
|-----------------------------|--------------|------------------|------------|--------------|
| | <u>Total</u> | <u>Withdrawn</u> | <u>Net</u> | <u>Trend</u> |
| 2010 | 447,949 | 115,686 | 332,264 | N/A |
| 2011 | 424,341 | 88,059 | 336,282 | 1.01 |
| 2012 | 294,571 | 59,303 | 235,268 | 0.70 |
| 2013 | 352,301 | 58,394 | 293,907 | 1.25 |
| 2014 | 387,799 | 70,325 | 317,474 | 1.08 |
| 2015 | 343,513 | 41,771 | 301,742 | 0.95 |
| 2016 | 300,162 | 33,734 | 266,428 | 0.88 |
| 2017 | 380,736 | 26,562 | 354,173 | 1.33 |
| 2018 | 397,406 | 1,152 | 396,255 | 1.12 |
| 2019 | 487,208 | 171 | 487,038 | 1.23 |
| 2020 | 337,012 | 0 | 337,012 | COVID |
| 2021 | 368,609 | 0 | 368,609 | COVID |
| 2022 | 390,784 | 0 | 390,784 | N/A |
| Trend 2010-2019 | | | | 4.34% |

Based on the above calculation and the PBGC’s guidance, projected hours for Fairbanks-based contracts, excluding the North Slope and TAPS, were assumed to remain level each year in the future at the 2022 level.

North Slope and TAPS Trend

Below is the calculation of the geometric average rate of change in the hours worked under contracts covering the North Slope and TAPS, net of withdrawn employers, over the last 10 plan years – excluding the “COVID Period” of 2020 and 2021.

| Local 375, North Slope and TAPS | | | | |
|--|--------------|------------------|------------|---------------|
| | <u>Total</u> | <u>Withdrawn</u> | <u>Net</u> | <u>Trend</u> |
| 2010 | 319,343 | 83,532 | 235,812 | |
| 2011 | 319,697 | 74,665 | 245,032 | 1.04 |
| 2012 | 490,063 | 121,521 | 368,543 | 1.50 |
| 2013 | 399,498 | 87,423 | 312,075 | 0.85 |
| 2014 | 429,593 | 59,456 | 370,137 | 1.19 |
| 2015 | 529,498 | 75,259 | 454,239 | 1.23 |
| 2016 | 461,732 | 134,457 | 327,275 | 0.72 |
| 2017 | 347,003 | 66,590 | 280,413 | 0.86 |
| 2018 | 332,616 | 0 | 332,616 | 1.19 |
| 2019 | 179,387 | 0 | 179,387 | 0.54 |
| 2020 | 222,680 | 0 | 222,680 | COVID |
| 2021 | 222,981 | 0 | 222,981 | COVID |
| 2022 | 135,246 | 0 | 135,246 | N/A |
| Trend 2010-2019 | | | | -2.99% |

Based on the above calculation and the PBGC’s guidance, projected hours for the North Slope and TAPS contracts were generally assumed to decrease 2.99% per year after 2022 and continuing for 10 years (2023-2032), followed by 1% annual reductions each year thereafter.

However, current Willow Project on the North Slope, which are expected to result in an increase in hours, were also reflected. As a result, the trend for 2023 through 2027 has been overridden with the following:

| Year | Hours Trend |
|-------------|--------------------|
| 2023 | 33% |
| 2024 | 150% |
| 2025 | 0% |
| 2026 | 0% |
| 2027 | -33% |

Hours for years in 2028 and later revert to the hours implied by the general trend described above.

Projected Hours

The resulting total hours for the Plan are shown below:

| | Anchorage | Fairbanks | North Slope / TAPS | Total |
|---------------------------|------------------|------------------|-------------------------------|--------------|
| 2022 (anchor year) | 356,054 | 390,784 | 135,246 | 882,083 |
| 2023 | 348,768 | 390,784 | 179,877 | 919,429 |
| 2024 | 341,632 | 390,784 | 449,693 | 1,182,108 |
| 2025 | 334,641 | 390,784 | 449,693 | 1,175,118 |
| 2026 | 327,794 | 390,784 | 449,693 | 1,168,271 |
| 2027 | 321,087 | 390,784 | 301,294 | 1,013,165 |
| 2028 | 314,517 | 390,784 | 112,705 | 818,005 |
| 2029 | 308,081 | 390,784 | 109,331 | 808,196 |
| 2030 | 301,777 | 390,784 | 106,059 | 798,620 |
| 2031 | 295,602 | 390,784 | 102,884 | 789,270 |
| 2032 | 289,554 | 390,784 | 99,805 | 780,143 |
| 2033 | 286,658 | 390,784 | 98,807 | 776,249 |
| 2034 | 283,792 | 390,784 | 97,819 | 772,394 |
| 2035 | 280,954 | 390,784 | 96,841 | 768,578 |
| 2036 | 278,144 | 390,784 | 95,872 | 764,800 |
| 2037 | 275,363 | 390,784 | 94,914 | 761,060 |
| 2038 | 272,609 | 390,784 | 93,964 | 757,357 |
| 2039 | 269,883 | 390,784 | 93,025 | 753,692 |
| 2040 | 267,184 | 390,784 | 92,095 | 750,062 |
| 2041 | 264,512 | 390,784 | 91,174 | 746,470 |
| 2042 | 261,867 | 390,784 | 90,262 | 742,913 |
| 2043 | 259,249 | 390,784 | 89,359 | 739,392 |
| 2044 | 256,656 | 390,784 | 88,466 | 735,905 |
| 2045 | 254,090 | 390,784 | 87,581 | 732,454 |
| 2046 | 251,549 | 390,784 | 86,705 | 729,038 |
| 2047 | 249,033 | 390,784 | 85,838 | 725,655 |
| 2048 | 246,543 | 390,784 | 84,980 | 722,306 |
| 2049 | 244,077 | 390,784 | 84,130 | 718,991 |
| 2050 | 241,637 | 390,784 | 83,289 | 715,709 |
| 2051 | 239,220 | 390,784 | 82,456 | 712,460 |

Projected Withdrawal Liability Income

The assumption for future withdrawal liability income for currently withdrawn employers is broken into two groups:

- **Employers that have been assessed withdrawal liability, are making scheduled withdrawal liability payments, and are not currently disputing their assessments.** To the extent these employers are paying according to a payment schedule, they are expected to continue to make their scheduled payments. This includes one payment scheduled to be made after the measurement date: \$238,232 on February 15, 2023.
- **Employers that have been assessed withdrawal liability but are either nonresponsive or disputing their assessment.** There are currently nine employers who were assessed in 2024 with measurement dates prior to 2024, and these employers were evaluated on a case-by-case basis as detailed below:
 - Three employers have been closed as uncollectible, and one is anticipated to be closed as uncollectible at the next Board meeting. We have assumed no collections from these employers.
 - One employer’s assessment is based on a withdrawal date in 2011. Based on a recent court case where a similar delay in assessment was found to be uncollectible on the basis that the Plan did not act as soon as practicable, we have assumed no collection from this employer.
 - Three employers are exclusively maintenance and service employers and are therefore not eligible for the building and construction industry exemption. We have assumed 100% collection of the amounts assessed to these employers.
 - One employer performs a mix of construction and non-construction work and is disputing their assessment by asserting that they are subject to the building and construction industry withdrawal liability rules. This is a facts and circumstances argument with an uncertain outcome. In the Plan’s sole previous case with a similar dispute, the Plan negotiated a settlement in which it collected 70% of the assessed amount. As a result, we have assumed a 70% collection.

For the collectible withdrawal liability, we have assumed the employers will pay according to their payment schedules, resulting in the projected withdrawal liability contributions shown in the table below beginning in 2024. We have also attached anonymized calculation details for each employer to this letter.

| Year | Employer 1 | Employer 2 | Employer 3 | Employer 4 | Total |
|------|------------|------------|------------|------------|-----------|
| 2024 | \$88,329 | \$93,140 | \$75,070 | \$362,526 | \$619,064 |
| 2025 | \$117,772 | \$124,186 | \$100,093 | \$482,742 | \$825,419 |
| 2026 | \$117,772 | \$124,186 | \$100,093 | \$482,742 | \$825,419 |
| 2027 | \$117,772 | \$124,186 | \$90,678 | \$482,742 | \$816,004 |

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| Year | Employer 1 | Employer 2 | Employer 3 | Employer 4 | Total |
|-------|------------|------------|------------|------------|-----------|
| 2028 | \$117,772 | \$124,186 | \$0 | \$482,742 | \$725,326 |
| 2029 | \$117,772 | \$124,186 | \$0 | \$20,089 | \$262,047 |
| 2030 | \$117,772 | \$124,186 | \$0 | \$0 | \$241,958 |
| 2031 | \$117,772 | \$124,186 | \$0 | \$0 | \$241,958 |
| 2032 | \$117,772 | \$63,067 | \$0 | \$0 | \$180,838 |
| 2034 | \$117,772 | \$0 | \$0 | \$0 | \$117,772 |
| 2035 | \$117,772 | \$0 | \$0 | \$0 | \$117,772 |
| 2036 | \$117,772 | \$0 | \$0 | \$0 | \$117,772 |
| 2037 | \$117,772 | \$0 | \$0 | \$0 | \$117,772 |
| 2038 | \$86,790 | \$0 | \$0 | \$0 | \$86,790 |
| 2039+ | \$0 | \$0 | \$0 | \$0 | \$0 |

Withdrawal Liability History

The assumptions above were based on the Plan’s experience, which consists of seven employers that were assessed withdrawal liability prior to the measurement date:

- Five were service contractors. Three were fully collected, one was 64% collected, and one was uncollectible. As noted above, given the Plan’s general success at collecting from this category of employer, we assumed full collectability for service contractors currently disputing their assessment.
- One was a building and construction industry employer that did not contest the assessment. Their obligation was satisfied by the Trust offsetting a reimbursement of overpayments.
- The final employer did both construction and non-construction work, and disputed their claim on the basis that they felt the building and construction industry rules should have applied to them. That case was settled for 70% of the assessed amount. As noted above, we have assumed this same 70% collectability for the similar outstanding case.

Many of the details of these cases have been provided to the PBGC previously.

As discussed with the PBGC, the Plan’s withdrawal liability collections procedures were completely changed beginning in 2019. Prior to this point, the Plan generally attempted to determine if a withdrawing employer met the requirement to be treated as a building and construction industry employer prior to assessing withdrawal liability. After this point, the Plan generally assesses withdrawal liability even if the withdrawing employer may be a building and construction industry employer, and the employer must demonstrate that they meet the building and construction industry exception. Since adopting this position, only one employer has contested the Plan’s assessment based on the building and construction industry exception. For this employer, the Plan is assuming collection of 70% of the withdrawal liability amount based on the single similar dispute that was concluded under the new collections procedures, which led to a settlement of 70% of the withdrawal liability assessment.

Section D, Item 6a: Eligibility assumptions that differ from 2020 certification

The Plan was critical in 2020 because Trustees elected to enter critical status in 2019, but the Plan had not yet entered critical status within the meaning of 26 U.S.C. § 432(b)(2). The Plan first became eligible for SFA under 29 C.F.R. § 4262.3(a)(3) for the 2022 plan year. In determining the Plan's eligibility for SFA, four assumptions differed from the 2020 certification of plan status (the most recent actuarial certification of plan status completed before January 1, 2021). These differences are explained below with additional detail provided in Section E, Item 3.

| CBUs (Hours) | |
|---|--|
| 2020 certification assumption | The original assumption reflected the following projected contributory hours: <ul style="list-style-type: none"> ○ For the 2020 plan year: 1,175,000 hours ○ For each subsequent year: 1,250,000 hours |
| SFA eligibility assumption | The Plan's 2022 certification for purposes of SFA eligibility was prepared using the same assumption that was used for the Plan's standard 2022 PPA certification, which assumed 925,000 hours for 2022, declining 10,000 hours per year until 2027, after which point hours were assumed to remain level at 875,000 per year. |
| Reason original assumption is not reasonable | The original assumption is not reasonable for the determination of the SFA amount because: <ul style="list-style-type: none"> ○ It anticipated an influx of hours based on an anticipated change in industry trend that did not ultimately occur, and ○ It did not reflect the Plan's experience through the certification date. |
| Reason revised assumption is reasonable | The updated assumption is reasonable for SFA eligibility purposes because it reflects the assumption used for the Plan's 2022 zone actuarial certification, which reflects Plan's actual experience through the 2022 certification date, including the Trustees' input on projected industry activity for purposes of the 2022 PPA certification. |

| Contribution Rates | |
|--------------------------------------|--|
| 2020 certification assumption | The 2020 certification reflected the following projected average contribution rates for the total Plan: <ul style="list-style-type: none"> ○ 2019: \$10.55 per hour (\$9.00 accruing) ○ 2020: \$10.76 per hour (\$9.21 accruing) ○ 2021 and later: \$10.85 per hour (\$9.30 accruing) |
| SFA eligibility assumption | The Plan's 2022 certification for SFA eligibility reflects the following projected average contribution rates for the total Plan: |

| Contribution Rates | |
|---|--|
| | <ul style="list-style-type: none"> ○ 2021: \$11.34 per hour (\$9.62 accruing) ○ 2022: \$11.39 per hour (\$9.62 accruing) ○ 2023 and later: \$11.44 per hour (\$9.62 accruing) |
| Reason original assumption is not reasonable | The original assumption is not reasonable because it did not reflect the Plan’s experience through the certification date. |
| Reason revised assumption is reasonable | The updated assumption is reasonable for SFA eligibility purposes because it reflects the assumption used for the Plan’s 2022 zone actuarial certification, and it reflects the contribution rates in the Plan’s collective bargaining agreements as of the certification date and the census data upon which the certification was based. |

| Withdrawal Liability | |
|---|--|
| 2020 certification assumption | The 2020 certification reflected no future withdrawal liability income. |
| SFA eligibility assumption | The Plan’s 2022 certification for SFA eligibility reflects the following withdrawal liability income: <ul style="list-style-type: none"> ○ 2021: \$662,035 ○ 2022: \$146,808 |
| Reason original assumption is not reasonable | The original assumption is not reasonable because it does not reflect the Plan’s withdrawal liability activity through the certification date. |
| Reason revised assumption is reasonable | The updated assumption is reasonable for SFA eligibility purposes because it reflects the assumption used for the Plan’s 2022 zone actuarial certification, and it reflects the Plan’s withdrawal liability activity through the certification date. |

| Mortality and Mortality Improvement | |
|-------------------------------------|--|
| Original assumption | <p><u>Healthy base tables</u>: RP-2006 mortality table with blue collar adjustment, set forward 2 years</p> <p><u>Disabled base tables</u>: RP-2006 disabled mortality table, set forward 2 years</p> <p><u>Projection scale</u>: Generational projection at 75% of the ultimate rates specified in the MP-2017 projection scale</p> |
| SFA eligibility assumption | <u>Healthy base table</u> : Pri-2012 amount-weighted blue-collar tables, set forward one year |

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| Mortality and Mortality Improvement | |
|---|---|
| | <p><u>Disabled base tables</u>: Pri-2012 amount-weighted disabled tables, set forward one year</p> <p><u>Projection scale</u>: 50% of the rates specified in the MP-2020 projection scale</p> |
| Reason original assumption is not reasonable | <p>The tables used for the 2020 certification of Plan status were based on the Society of Actuaries' Retirement Plans Experience Committee mortality study report in October 2014, with mortality rates based on a central study year of 2006. This assumption is not reasonable because newer tables based on a more recent study are available, which include significantly more multiemployer pension plan experience.</p> |
| Reason SFA assumption is reasonable | <p>The updated assumption is reasonable for SFA eligibility purposes because it reflects the assumption used for the Plan's 2022 zone actuarial certification.</p> |

Section D, Item 6b: Rationale for assumption changes for determining the SFA amount

The following assumptions were modified from the Plan’s original application. Below is a detailed explanation of each change as compared to the 2020 certification assumption (“original assumption”) along with supporting rationale, including information as to why the original assumptions are no longer reasonable and why the new assumptions are reasonable.

| CBU (Hours) | |
|---|---|
| Original assumption | <p>The original assumption reflected the following projected contributory hours:</p> <ul style="list-style-type: none"> ○ For the 2020 plan year: 1,175,000 hours ○ For each subsequent year: 1,250,000 hours |
| SFA assumption | <p>The SFA assumption assumes the following hours:</p> <ul style="list-style-type: none"> ● Anchorage-area hours decrease 2.05% per year starting from actual 2022 hours, for the following 10 years (2023-2032), and then decrease 1% per year each year thereafter through the end of the SFA projection period (December 31, 2051). ● Fairbanks-area hours remain level at actual 2022 hours through the end of the SFA projection period. ● North Slope and TAPS hours generally decrease 2.99% per year starting from actual 2022 hours, for the following 10 years (2023-2032), and then decrease 1% per year each year thereafter through the end of the SFA projection period. However, the current large project running through 2027 was reflected by overriding 2023-2027 trend with 33%, 150%, 0%, 0%, and -33%, respectively. Hours starting in 2028 are assumed to return to the level expected by the 2.99% annual decline trend. |
| Reason original assumption is not reasonable | <p>The original assumption is not reasonable for the determination of the SFA amount because:</p> <ul style="list-style-type: none"> ○ It did not extend beyond the end of the certification projection period (2030), ○ It anticipated an influx of hours based on an anticipated change in industry trend that did not ultimately occur, ○ It did not reflect the Plan’s experience through the SFA measurement date, ○ It did not reflect an increase in hours on the North Slope due to a new project. |
| Reason SFA assumption is reasonable | <p>The detailed narrative supporting the changes to this assumption is included in the SFA application under Section D, Item 5.</p> |

| New Entrant Profile | |
|---|--|
| Original assumption | New entrants were assumed to mirror the demographic profile of the entire active population from the January 1, 2019 actuarial valuation. |
| SFA assumption | New entrants are assumed to reflect the distribution of age, service, benefits, and gender based on the characteristics of the Plan’s new entrants and rehires from contingent vested status and vested status in the five years preceding the Plan’s SFA measurement date (2017-2021). |
| Reason original assumption is not reasonable | The original assumption is no longer reasonable because it was not sufficiently refined for the purposes of calculating the Plan’s SFA amount. |
| Reason SFA assumption is reasonable | <p>The updated assumption is reasonable because it reflects the characteristics of the Plan’s actual new entrants over the latest available five-year experience period through December 31, 2021. The updated new entrant profile and the experience upon which the SFA application are detailed in Exhibit A.</p> <p>The updated assumption is consistent with the “acceptable” change in the PBGC’s Assumptions Guidance document.</p> |

| Withdrawal Liability Income | | |
|---|--|-----------|
| Original assumption | None. | |
| SFA assumption | 2023 | \$238,232 |
| | 2024 | \$619,064 |
| | 2025-2026 | \$825,419 |
| | 2027 | \$816,004 |
| | 2028 | \$725,326 |
| | 2029 | \$262,047 |
| | 2030-2031 | \$241,958 |
| | 2032 | \$180,838 |
| | 2033-2037 | \$117,772 |
| | 2038 | \$86,790 |
| Reason original assumption is not reasonable | The original assumption is not reasonable because it does not reflect withdrawal liability income that the Plan currently expects to receive in 2023, and expected payments for additional recent assessments for withdrawals determined to occur before the measurement date. | |

| Withdrawal Liability Income | |
|--|--|
| Reason SFA assumption is reasonable | The detailed narrative supporting the changes to this assumption is included in the SFA application under Section D, Item 5. |

| Administrative Expense | |
|---|--|
| Original assumption | 2.5% annual increase in administrative (non-investment) expenses, starting from a base of \$525,000 in 2019. |
| SFA assumption | <p>2.5% annual increase in administrative (non-investment) expenses through December 31, 2051 starting from a base of \$650,000 in 2022, with three modifications:</p> <ol style="list-style-type: none"> 1. The PBGC flat rate premium was adjusted to reflect the change to \$52 effective January 1, 2031, 2. Actual expenses for 2023 of \$765,160 were reflected to include costs of the SFA application incurred in 2023, and 3. A one-time expense of \$100,000 was added to 2024 to reflect anticipated costs related to the SFA application. |
| Reason original assumption is not reasonable | The original assumption is no longer reasonable because it did not extend past the certification projection period (December 31, 2030), and it did not reflect the Plan’s experience through the measurement date or anticipate the expense of preparing an SFA application. |
| Reason SFA assumption is reasonable | <p>The updated assumption is reasonable because:</p> <ul style="list-style-type: none"> ○ It extends through the entire SFA projection period, which is consistent with the “acceptable” change in the PBGC’s Assumptions Guidance document; ○ It reflects the increase in the PBGC’s flat rate premium that will occur in 2031, which is consistent with the “acceptable” change in the PBGC’s Assumptions Guidance document; ○ It reflects current expectations for non-SFA administrative expenses; and ○ It reflects incurred and expected remaining administrative cost of the SFA application. |

Exhibit A: New Entrant Profile

Consistent with PBGC guidance, the new entrant profile is based on characteristics of actual new entrants and rehires within the most recent five plan years preceding the Plan's SFA measurement date. This reflects all new entrants and rehires, not just those remaining in service.

Assumptions for new entrant and rehire profiles

New entrants are based on the distribution below:

| <u>Age Range</u> | <u>Age Weighting Assumption</u> | <u>Average Annual Benefit</u> | <u>Average Benefit Service</u> |
|------------------|---------------------------------|-------------------------------|--------------------------------|
| 15 to 19 | 8.7% | \$ 246 | 1.00 |
| 20 to 24 | 17.3% | 471 | 1.16 |
| 25 to 29 | 22.6% | 720 | 1.60 |
| 30 to 34 | 14.2% | 892 | 3.45 |
| 35 to 39 | 9.5% | 983 | 3.29 |
| 40 to 44 | 7.3% | 1,121 | 4.04 |
| 45 to 49 | 7.0% | 1,486 | 9.00 |
| 50 to 54 | 4.5% | 1,614 | 16.75 |
| 55 to 60+ | 8.9% | 1,038 | 8.50 |

In addition to the distributions shown above, the following assumptions also apply to the new entrants:

- Assumed to work the same number of hours as the average of the active population over the last 5 years, which is 1,736 hours per year per person.
- Assumed to work at a contribution rate for earning benefits of \$9.54, which is the average for the active population in the 2022 valuation.
- Assumed to be 93.6% male, based on the 5-year study of new entrants and rehires. During 2017 through 2021 plan years, there were 358 new entrants or rehires, of which 335 were male.
- For rehired Terminated Vested participants and Contingent Terminated Vested participants, only the additional benefit accrued in the first year of rehire is included in the average annual benefit for the new entrant assumption.

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Supporting information

A summary of the new entrants and rehires for the prior 5 years is shown below.

| 2018 valuation data (2017 plan year) | | | |
|---|--------------|-------------------------------|--------------------------------|
| <u>Age Range</u> | <u>Count</u> | <u>Average Annual Benefit</u> | <u>Average Benefit Service</u> |
| 15 to 19 | 7 | \$ 238 | 1.0 |
| 20 to 24 | 12 | 379 | 1.2 |
| 25 to 29 | 13 | 819 | 1.2 |
| 30 to 34 | 8 | 795 | 3.0 |
| 35 to 39 | 10 | 679 | 1.7 |
| 40 to 44 | 6 | 972 | 1.2 |
| 45 to 49 | 4 | 1,638 | 1.8 |
| 50 to 54 | 2 | 1,661 | 15.0 |
| 55 to 60+ | 4 | 843 | 9.8 |

| 2019 valuation data (2018 plan year) | | | |
|---|--------------|-------------------------------|--------------------------------|
| <u>Age Range</u> | <u>Count</u> | <u>Average Annual Benefit</u> | <u>Average Benefit Service</u> |
| 15 to 19 | 8 | \$ 237 | 1.0 |
| 20 to 24 | 20 | 660 | 1.3 |
| 25 to 29 | 27 | 826 | 1.7 |
| 30 to 34 | 15 | 830 | 2.3 |
| 35 to 39 | 9 | 1,170 | 3.6 |
| 40 to 44 | 8 | 724 | 2.6 |
| 45 to 49 | 7 | 1,359 | 9.9 |
| 50 to 54 | 4 | 2,082 | 22.5 |
| 55 to 60+ | 5 | 1,152 | 8.6 |

| 2020 valuation data (2019 plan year) | | | |
|---|--------------|-------------------------------|--------------------------------|
| <u>Age Range</u> | <u>Count</u> | <u>Average Annual Benefit</u> | <u>Average Benefit Service</u> |
| 15 to 19 | 8 | \$ 164 | 1.0 |
| 20 to 24 | 7 | 259 | 1.1 |
| 25 to 29 | 14 | 681 | 1.2 |
| 30 to 34 | 5 | 889 | 5.4 |
| 35 to 39 | 3 | 1,119 | 5.3 |
| 40 to 44 | 3 | 921 | 1.0 |
| 45 to 49 | 3 | 1,846 | 8.7 |
| 50 to 54 | 4 | 1,010 | 15.3 |
| 55 to 60+ | 8 | 1,020 | 4.0 |

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EIN/PN: 52-6103810 / 001

Application for Special Financial Assistance – Section D: Plan Statements

| 2021 valuation data (2020 plan year) | | | |
|---|--------------|-------------------------------|--------------------------------|
| Age Range | Count | Average Annual Benefit | Average Benefit Service |
| 15 to 19 | 3 | \$ 180 | 1.0 |
| 20 to 24 | 7 | 584 | 1.1 |
| 25 to 29 | 13 | 633 | 1.8 |
| 30 to 34 | 9 | 708 | 4.4 |
| 35 to 39 | 5 | 1,145 | 4.2 |
| 40 to 44 | 4 | 1,706 | 8.3 |
| 45 to 49 | 2 | 1,461 | 12.0 |
| 50 to 54 | 1 | 2,122 | 7.0 |
| 55 to 60+ | 5 | 1,341 | 9.0 |

| 2022 valuation data (2020 plan year) | | | |
|---|--------------|-------------------------------|--------------------------------|
| Age Range | Count | Average Annual Benefit | Average Benefit Service |
| 15 to 19 | 5 | \$ 438 | 1.0 |
| 20 to 24 | 16 | 348 | 1.0 |
| 25 to 29 | 14 | 543 | 2.1 |
| 30 to 34 | 14 | 1,134 | 3.6 |
| 35 to 39 | 7 | 1,004 | 3.7 |
| 40 to 44 | 5 | 1,587 | 8.2 |
| 45 to 49 | 9 | 1,402 | 11.0 |
| 50 to 54 | 5 | 1,604 | 16.0 |
| 55 to 60+ | 10 | 923 | 11.3 |

Alaska Plumbing and Pipefitting Industry Pension Plan WITHDRAWAL LIABILITY ESTIMATE

Employer: EMPLOYER 1

Year of Withdrawal: 2021

| Year Ended December 31: | Unamortized Balance of Basic Plus Reallocated Pools | 5-Year Contribution Period | Employer Contributions ^(a) | 5-Year Sum of Employer Contributions | 5-Year Sum of Total Plan Contributions ^(b) | Liability Allocated (5) divided by (6), times (2) |
|----------------------------|--|-------------------------------|--|--|---|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 2004 | | | \$ 32,423.21 | | | |
| 2005 | | | 32,423.21 | | | |
| 2006 | | | 37,464.90 | | | |
| 2007 | | | 52,625.22 | | | |
| 2008 | \$ 23,480,168.00 | 1/1/2004 – 12/31/2008 | 52,728.62 | \$ 207,665.14 | \$ 28,615,828.00 | \$ 170,395.64 |
| 2009 | -12,825,625.00 | 1/1/2005 – 12/31/2009 | 71,048.21 | 246,290.15 | 31,409,031.00 | -100,570.60 |
| 2010 | -3,860,333.00 | 1/1/2006 – 12/31/2010 | 73,867.97 | 287,734.91 | 34,350,657.00 | -32,139.74 |
| 2011 | 19,567,987.00 | 1/1/2007 – 12/31/2011 | 67,225.86 | 317,495.87 | 36,147,618.00 | 171,871.77 |
| 2012 | -3,952,191.00 | 1/1/2008 – 12/31/2012 | 73,364.30 | 338,234.96 | 40,357,328.00 | -33,123.33 |
| 2013 | -1,014,071.00 | 1/1/2009 – 12/31/2013 | 80,623.49 | 366,129.83 | 42,910,892.00 | -8,652.39 |
| 2014 | 14,958,697.00 | 1/1/2010 – 12/31/2014 | 64,013.65 | 359,095.27 | 46,426,588.00 | 115,700.89 |
| 2015 | 13,471,253.00 | 1/1/2011 – 12/31/2015 | 63,323.63 | 348,550.92 | 49,404,078.00 | 95,041.10 |
| 2016 | 17,675,951.00 | 1/1/2012 – 12/31/2016 | 73,641.23 | 354,966.29 | 53,321,234.00 | 118,725.89 |
| 2017 | 33,983,254.00 | 1/1/2013 – 12/31/2017 | 77,789.80 | 359,391.79 | 51,391,264.00 | 237,653.28 |
| 2018 | 39,236,612.00 | 1/1/2014 – 12/31/2018 | 81,154.60 | 359,922.90 | 54,416,306.00 | 259,818.29 |
| 2019 | -18,308,106.00 | 1/1/2015 – 12/31/2019 | 33,804.38 | 329,713.63 | 56,264,378.00 | -107,286.92 |
| 2020 | 43,845,651.00 | 1/1/2016 – 12/31/2020 | 30,532.97 | 296,922.98 | 55,075,257.00 | 236,381.67 |

| | |
|--|------------------------|
| A. Gross Liability (Sum of Column 7, but not less than zero) | \$ 1,123,815.55 |
| B. Allocate Unamortized Balance of the Value of Reduced Nonforfeitable Benefits ^(c) : | |
| \$ 11,484,519.00 1/1/2016 - 12/31/2020 | \$ 296,922.98 |
| \$ 55,075,257.00 | \$ 61,915.60 |
| C. De minimis: Lesser of 0.75% of Unfunded Vested Benefits or \$50,000, but not less than zero | \$ 50,000.00 |
| D. Deductible: (C), but not greater than [(\$100,000 + (C) - (A) - (B))], nor less than zero | \$ 0.00 |
| E. Net Withdrawal Liability: (A) + (B) - (D), but not less than zero | \$ 1,185,731.15 |

(a) 2004 hours and contributions were estimated using the reported hours and contributions for 2005.

(b) Excluding contributions of previously withdrawn employers as well as rehabilitation plan contributions, if applicable.

(c) By law, certain benefit reductions under the Rehabilitation Plan must be disregarded in determining withdrawal liability. Under PBGC Technical Update 10-3, the value of these benefit reductions is set up as a separate pool to be amortized over 15 years. Withdrawing employers are assessed a portion of this separate pool based on the contribution ratio for the year preceding withdrawal.

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

WITHDRAWAL LIABILITY FOR EMPLOYER 1

Calculation of Amortization Schedule

| | |
|--|----------------|
| A. Estimated Withdrawal Liability | \$1,185,731.15 |
| B. Highest consecutive 3-year average contributory hours during the 10-year period January 1, 2011 through December 31, 2020 | 8,565.21 |
| C. Highest hourly contribution rate in the 10-year period January 1, 2012 through December 31, 2021 | \$13.75 |
| D. Annual amortization payment: (B) x (C) | \$117,771.64 |
| E. Quarterly payment: (D) / 4 | \$29,442.91 |
| F. Number of Full Quarterly Payments | 57 |
| G. Final Quarterly Payment | \$27,903.81 |
| H. Interest rate used for amortization schedule | 6.00% |

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

WITHDRAWAL LIABILITY FOR EMPLOYER 1

| <u>Plan Year</u> | <u>Contributions</u> | <u>Hours</u> |
|---------------------|----------------------|--------------|
| 2004 ^(a) | \$ 32,423.21 | 8,479.00 |
| 2005 | 32,423.21 | 8,479.00 |
| 2006 | 37,464.90 | 9,093.00 |
| 2007 | 52,625.22 | 10,971.50 |
| 2008 | 52,728.62 | 9,170.02 |
| 2009 | 71,048.21 | 10,026.17 |
| 2010 | 73,867.97 | 9,696.49 |
| 2012 | 67,225.86 | 8,618.70 |
| 2012 | 73,364.30 | 8,634.67 |
| 2013 | 80,623.49 | 8,442.25 |
| 2014 | 64,013.65 | 6,703.00 |
| 2015 | 63,323.63 | 6,447.50 |
| 2016 | 73,641.23 | 6,765.50 |
| 2017 | 77,789.80 | 6,479.00 |
| 2018 | 81,154.60 | 6,409.50 |
| 2019 | 33,804.38 | 2,458.50 |
| 2020 | 30,532.98 | 2,220.58 |

(a) 2004 hours and contributions were assumed to be the same as those reported for 2005.

Alaska Plumbing and Pipefitting Industry Pension Plan WITHDRAWAL LIABILITY ESTIMATE

Employer: EMPLOYER 2

Year of Withdrawal: 2019

| Year Ended December 31: | Unamortized Balance of Basic Plus Reallocated Pools | 5-Year Contribution Period | Employer Contributions ^(a) | 5-Year Sum of Employer Contributions | 5-Year Sum of Total Plan Contributions ^(b) | Liability Allocated (5) divided by (6), times (2) |
|----------------------------|--|-------------------------------|--|--|---|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 2004 | | | \$ 33,420.70 | | | |
| 2005 | | | 33,420.70 | | | |
| 2006 | | | 75,186.58 | | | |
| 2007 | | | 79,623.33 | | | |
| 2008 | \$ 29,350,211.00 | 1/1/2004 – 12/31/2008 | 52,109.04 | \$ 273,760.34 | \$ 28,615,828.00 | \$ 280,785.99 |
| 2009 | -15,675,764.00 | 1/1/2005 – 12/31/2009 | 59,932.38 | 300,272.02 | 31,409,031.00 | -149,861.14 |
| 2010 | -4,632,399.00 | 1/1/2006 – 12/31/2010 | 63,308.43 | 330,159.74 | 34,350,657.00 | -44,254.27 |
| 2011 | 23,125,803.00 | 1/1/2007 – 12/31/2011 | 69,230.07 | 324,203.24 | 36,147,618.00 | 207,412.29 |
| 2012 | -4,610,889.00 | 1/1/2008 – 12/31/2012 | 45,600.46 | 290,180.36 | 40,357,328.00 | -33,153.57 |
| 2013 | -1,170,082.00 | 1/1/2009 – 12/31/2013 | 35,272.95 | 273,344.28 | 42,910,892.00 | -7,453.47 |
| 2014 | 17,095,654.00 | 1/1/2010 – 12/31/2014 | 22,615.72 | 236,027.62 | 46,426,588.00 | 86,912.41 |
| 2015 | 15,267,420.00 | 1/1/2011 – 12/31/2015 | 47,670.36 | 220,389.55 | 49,404,078.00 | 68,107.33 |
| 2016 | 19,885,445.00 | 1/1/2012 – 12/31/2016 | 51,893.32 | 203,052.81 | 53,321,234.00 | 76,404.66 |
| 2017 | 37,981,283.00 | 1/1/2013 – 12/31/2017 | 50,980.56 | 208,432.91 | 51,391,264.00 | 154,044.65 |
| 2018 | 43,596,235.00 | 1/1/2014 – 12/31/2018 | 42,720.23 | 215,880.18 | 54,416,306.00 | 173,153.19 |
| 2019 | N/A | 1/1/2015 – 12/31/2019 | 1,797.81 | N/A | N/A | 0.00 |
| 2020 | N/A | 1/1/2016 – 12/31/2020 | 0.00 | N/A | N/A | 0.00 |

| | |
|--|----------------------|
| A. Gross Liability (Sum of Column 7, but not less than zero) | \$ 812,098.07 |
| B. Allocate Unamortized Balance of the Value of Reduced Nonforfeitable Benefits ^(c) : | |
| \$ N/A | N/A |
| \$ N/A | N/A |
| C. De minimis: Lesser of 0.75% of Unfunded Vested Benefits or \$50,000, but not less than zero | \$ 50,000.00 |
| D. Deductible: (C), but not greater than [(\$100,000 + (C) - (A) - (B))], nor less than zero | \$ 0.00 |
| E. Net Withdrawal Liability: (A) + (B) - (D), but not less than zero | \$ 812,098.07 |

(a) 2004 hours and contributions were estimated using the reported hours and contributions for 2005.

(b) Excluding contributions of previously withdrawn employers as well as rehabilitation plan contributions, if applicable.

(c) By law, certain benefit reductions under the Rehabilitation Plan must be disregarded in determining withdrawal liability. Under PBGC Technical Update 10-3, the value of these benefit reductions is set up as a separate pool to be amortized over 15 years. Withdrawing employers are assessed a portion of this separate pool based on the contribution ratio for the year preceding withdrawal.

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

WITHDRAWAL LIABILITY FOR EMPLOYER 2

Calculation of Amortization Schedule

| | |
|--|--------------|
| A. Estimated Withdrawal Liability | \$812,098.07 |
| B. Highest consecutive 3-year average contributory hours during the 10-year period January 1, 2009 through December 31, 2018 | 9,031.73 |
| C. Highest hourly contribution rate in the 10-year period January 1, 2010 through December 31, 2019 | \$13.75 |
| D. Annual amortization payment: (B) x (C) | \$124,186.29 |
| E. Quarterly payment: (D) / 4 | \$31,046.57 |
| F. Number of Full Quarterly Payments | 33 |
| G. Final Quarterly Payment | \$973.48 |
| H. Interest rate used for amortization schedule | 7.00% |

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

WITHDRAWAL LIABILITY FOR EMPLOYER 2

| <u>Plan Year</u> | <u>Contributions</u> | <u>Hours</u> |
|---------------------|----------------------|--------------|
| 2004 ^(a) | \$ 33,420.70 | 7,571.00 |
| 2005 | 33,420.70 | 7,571.00 |
| 2006 | 75,186.58 | 13,155.50 |
| 2007 | 79,623.33 | 14,060.30 |
| 2008 | 52,109.04 | 9,101.00 |
| 2009 | 59,932.38 | 9,358.60 |
| 2010 | 63,308.43 | 8,504.25 |
| 2011 | 69,230.07 | 9,232.35 |
| 2012 | 45,600.46 | 5,982.00 |
| 2013 | 35,272.95 | 4,133.50 |
| 2014 | 22,615.72 | 2,574.65 |
| 2015 | 47,670.36 | 5,684.50 |
| 2016 | 51,893.32 | 5,352.75 |
| 2017 | 50,980.56 | 5,708.25 |
| 2018 | 42,720.23 | 4,678.00 |

(a) 2004 hours and contributions were assumed to be the same as those reported for 2005.

Alaska Plumbing and Pipefitting Industry Pension Plan WITHDRAWAL LIABILITY ESTIMATE

Employer: EMPLOYER 3

Year of Withdrawal: 2015

| Year Ended December 31: | Unamortized Balance of Basic Plus Reallocated Pools | 5-Year Contribution Period | Employer Contributions ^(a) | 5-Year Sum of Employer Contributions | 5-Year Sum of Total Plan Contributions ^(b) | Liability Allocated (5) divided by (6), times (2) |
|----------------------------|--|-------------------------------|--|--|---|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 2004 | | | \$ 31,094.64 | | | |
| 2005 | | | 31,094.64 | | | |
| 2006 | | | 50,614.34 | | | |
| 2007 | | | 53,494.24 | | | |
| 2008 | \$ 41,090,295.00 | 1/1/2004 – 12/31/2008 | 41,288.50 | \$ 207,586.35 | \$ 28,615,828.00 | \$ 298,079.24 |
| 2009 | -21,376,042.00 | 1/1/2005 – 12/31/2009 | 45,857.20 | 222,348.91 | 31,409,031.00 | -151,323.98 |
| 2010 | -6,176,532.00 | 1/1/2006 – 12/31/2010 | 41,490.42 | 232,744.70 | 34,350,657.00 | -41,595.81 |
| 2011 | 30,241,435.00 | 1/1/2007 – 12/31/2011 | 32,906.70 | 215,037.06 | 36,147,618.00 | 179,902.01 |
| 2012 | -5,928,286.00 | 1/1/2008 – 12/31/2012 | 38,730.21 | 200,273.03 | 40,357,328.00 | -29,419.09 |
| 2013 | -1,482,104.00 | 1/1/2009 – 12/31/2013 | 35,428.84 | 194,413.37 | 42,910,892.00 | -6,714.86 |
| 2014 | 21,369,568.00 | 1/1/2010 – 12/31/2014 | 33,370.09 | 181,926.26 | 46,426,588.00 | 83,738.34 |
| 2015 | N/A | 1/1/2011 – 12/31/2015 | 15,092.13 | N/A | N/A | 0.00 |
| 2016 | N/A | 1/1/2012 – 12/31/2016 | 0.00 | N/A | N/A | 0.00 |
| 2017 | N/A | 1/1/2013 – 12/31/2017 | 0.00 | N/A | N/A | 0.00 |
| 2018 | N/A | 1/1/2014 – 12/31/2018 | 0.00 | N/A | N/A | 0.00 |
| 2019 | N/A | 1/1/2015 – 12/31/2019 | 0.00 | N/A | N/A | 0.00 |
| 2020 | N/A | 1/1/2016 – 12/31/2020 | 0.00 | N/A | N/A | 0.00 |

| | |
|--|----------------------|
| A. Gross Liability (Sum of Column 7, but not less than zero) | \$ 332,665.85 |
| B. Allocate Unamortized Balance of the Value of Reduced Nonforfeitable Benefits ^(c) : | |
| \$ N/A | N/A |
| \$ N/A | N/A |
| C. De minimis: Lesser of 0.75% of Unfunded Vested Benefits or \$50,000, but not less than zero | \$ 50,000.00 |
| D. Deductible: (C), but not greater than [(\$100,000 + (C) - (A) - (B))], nor less than zero | \$ 0.00 |
| E. Net Withdrawal Liability: (A) + (B) - (D), but not less than zero | \$ 332,665.85 |

(a) 2004 hours and contributions were estimated using the reported hours and contributions for 2005.

(b) Excluding contributions of previously withdrawn employers as well as rehabilitation plan contributions, if applicable.

(c) By law, certain benefit reductions under the Rehabilitation Plan must be disregarded in determining withdrawal liability. Under PBGC Technical Update 10-3, the value of these benefit reductions is set up as a separate pool to be amortized over 15 years. Withdrawing employers are assessed a portion of this separate pool based on the contribution ratio for the year preceding withdrawal.

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

WITHDRAWAL LIABILITY FOR EMPLOYER 3

Calculation of Amortization Schedule

| | |
|--|--------------|
| A. Estimated Withdrawal Liability | \$332,665.85 |
| B. Highest consecutive 3-year average contributory hours during the 10-year period January 1, 2005 through December 31, 2014 | 8,741.75 |
| C. Highest hourly contribution rate in the 10-year period January 1, 2006 through December 31, 2015 | \$11.45 |
| D. Annual amortization payment: (B) x (C) | \$100,093.04 |
| E. Quarterly payment: (D) / 4 | \$25,023.26 |
| F. Number of Full Quarterly Payments | 14 |
| G. Final Quarterly Payment | \$15,607.91 |
| H. Interest rate used for amortization schedule | 7.50% |

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

WITHDRAWAL LIABILITY FOR EMPLOYER 3

| <u>Plan Year</u> | <u>Contributions</u> | <u>Hours</u> |
|---------------------|----------------------|--------------|
| 2004 ^(a) | \$ 31,094.64 | 6,321.50 |
| 2005 | 31,094.64 | 6,321.50 |
| 2006 | 50,614.34 | 9,140.75 |
| 2007 | 53,494.24 | 9,929.75 |
| 2008 | 41,288.50 | 7,154.75 |
| 2009 | 45,857.20 | 6,601.25 |
| 2010 | 41,490.42 | 5,447.33 |
| 2011 | 32,906.70 | 4,292.91 |
| 2012 | 38,730.21 | 4,795.40 |
| 2013 | 35,428.84 | 3,799.25 |
| 2014 | 33,370.09 | 3,494.25 |

(a) 2004 hours and contributions were assumed to be the same as those reported for 2005.

Alaska Plumbing and Pipefitting Industry Pension Plan

WITHDRAWAL LIABILITY ESTIMATE

Employer: EMPLOYER 4

Year of Withdrawal: 2019

| Year Ended December 31: | Unamortized Balance of Basic Plus Reallocated Pools | 5-Year Contribution Period | Employer Contributions | 5-Year Sum of Employer Contributions | 5-Year Sum of Total Plan Contributions ^(a) | Liability Allocated (5) divided by (6), times (2) |
|----------------------------|--|-------------------------------|---------------------------|--|---|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 2004 | | | \$ 0 | | | |
| 2005 | | | 0 | | | |
| 2006 | | | 65,223 | | | |
| 2007 | | | 0 | | | |
| 2008 | \$ 29,350,211 | 1/1/2004 – 12/31/2008 | 139,238 | \$ 204,461 | \$ 28,615,828 | \$ 209,708 |
| 2009 | -15,675,764 | 1/1/2005 – 12/31/2009 | 215,805 | 420,266 | 31,409,031 | -209,748 |
| 2010 | -4,632,399 | 1/1/2006 – 12/31/2010 | 446,452 | 866,717 | 34,350,657 | -116,174 |
| 2011 | 23,125,803 | 1/1/2007 – 12/31/2011 | 311,325 | 1,112,820 | 36,147,618 | 711,938 |
| 2012 | -4,610,889 | 1/1/2008 – 12/31/2012 | 200,455 | 1,313,275 | 40,357,328 | -150,044 |
| 2013 | -1,170,082 | 1/1/2009 – 12/31/2013 | 239,346 | 1,413,382 | 42,910,892 | -38,540 |
| 2014 | 17,095,654 | 1/1/2010 – 12/31/2014 | 330,408 | 1,527,986 | 46,426,588 | 562,650 |
| 2015 | 15,267,420 | 1/1/2011 – 12/31/2015 | 138,996 | 1,220,530 | 49,404,078 | 377,182 |
| 2016 | 19,885,445 | 1/1/2012 – 12/31/2016 | 108,517 | 1,017,722 | 53,321,234 | 382,948 |
| 2017 | 37,981,283 | 1/1/2013 – 12/31/2017 | 76,046 | 893,313 | 51,391,264 | 660,213 |
| 2018 | 43,596,235 | 1/1/2014 – 12/31/2018 | 1,566 | 655,533 | 54,416,306 | 525,790 |
| 2019 | N/A | 1/1/2015 – 12/31/2019 | 2,251 | N/A | N/A | 0 |
| 2020 | N/A | 1/1/2016 – 12/31/2020 | 0 | N/A | N/A | 0 |

| | |
|--|---------------------|
| A. Gross Liability (Sum of Column 7, but not less than zero) | \$ 2,915,923 |
| B. Allocate Unamortized Balance of the Value of Reduced Nonforfeitable Benefits ^(b) : | |
| \$ N/A N/A \$ N/A \$ N/A | \$ 0 |
| C. De minimis: Lesser of 0.75% of Unfunded Vested Benefits or \$50,000, but not less than zero | \$ 50,000 |
| D. Deductible: (C), but not greater than [\$100,000 + (C) - (A) - (B)], nor less than zero | \$ 0 |
| E. Net Withdrawal Liability: (A) + (B) - (D), but not less than zero | \$ 2,915,923 |

(a) Excluding contributions of previously withdrawn employers as well as rehabilitation plan contributions, if applicable.

(b) By law, certain benefit reductions under the Rehabilitation Plan must be disregarded in determining withdrawal liability. Under PBGC Technical Update 10-3, the value of these benefit reductions is set up as a separate pool to be amortized over 15 years. Withdrawing employers are assessed a portion of this separate pool based on the contribution ratio for the year preceding withdrawal.

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

WITHDRAWAL LIABILITY FOR EMPLOYER 4

Calculation of Amortization Schedule

| | |
|--|--------------|
| A. Estimated Withdrawal Liability | 2,915,924.01 |
| B. Highest consecutive 3-year average contributory hours during the 10-year period January 1, 2009 through December 31, 2018 | 61,300.57 |
| C. Highest hourly contribution rate in the 10-year period January 1, 2010 through December 31, 2019 | \$11.25 |
| D. Annual amortization payment: (B) x (C) | \$689,631.41 |
| E. Quarterly payment: (D) / 4 | \$172,407.85 |
| F. Number of Full Quarterly Payments | 19 |
| G. Final Quarterly Payment | \$28,699.21 |
| H. Interest rate used for amortization schedule | 7.00% |

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

WITHDRAWAL LIABILITY FOR EMPLOYER 4

| <u>Plan Year</u> | <u>Contributions</u> | <u>Hours</u> |
|------------------|----------------------|--------------|
| 2004 | \$ 0.00 | 0.00 |
| 2005 | 0.00 | 0.00 |
| 2006 | 65,222.55 | 11,126.00 |
| 2007 | 0.00 | 0.00 |
| 2008 | 139,238.31 | 23,023.75 |
| 2009 | 215,804.77 | 40,721.75 |
| 2010 | 446,451.62 | 85,965.75 |
| 2011 | 311,325.29 | 57,214.20 |
| 2012 | 200,454.78 | 33,632.75 |
| 2013 | 239,345.99 | 34,647.35 |
| 2014 | 330,408.46 | 45,569.50 |
| 2015 | 138,995.54 | 20,136.00 |
| 2016 | 108,517.07 | 13,300.50 |
| 2017 | 76,046.33 | 8,120.85 |
| 2018 | 1,565.50 | 124.00 |

Section E, Item 5 – SFA Amount Certification

The revised application filed on behalf of the Alaska Plumbing and Pipefitting Industry Pension Plan (“Alaska Plumbers”) sets forth the Special Financial Assistance (SFA) amount to which the Plan is eligible under the American Rescue Plan (ARP) Act of 2021, as outlined in section 4262(j)(1) of the Employee Retirement Income Security Act of 1974 (ERISA) and PBGC’s SFA regulation (29 CFR part 4262.4). Based on the actuarial assumptions and data described herein and an SFA measurement date of December 31, 2022, we certify that the amount of **\$100,555,123** has been calculated pursuant to ERISA Section 4262(j)(1) and PBGC’s Final Rule (29 CFR part 4262.4).

Actuarial Assumptions and Methods, Participant Data, and Key Dates

Milliman determined the amount of SFA at the request of the Board of Trustees of the Plan as part of the Plan’s application for SFA. The SFA amount is based on the following:

- A measurement date of December 31, 2022. A lock-in application was filed on March 28, 2023.
- The non-SFA interest rate used was 5.77% and the SFA interest used was 3.85%, as required under §4262.4(e)(1) and §4262.4(e)(1), respectively.
- In general, the other actuarial assumptions and methods are the same as those used in the certification of the Plan’s status as of January 1, 2020. As allowed under the PBGC’s Assumptions Guidance, assumptions that were changed for purposes of determining the amount of SFA include those related to: administrative expenses, mortality and future mortality improvement, contribution rates, future new entrants, contribution base units (CBUs), and withdrawal liability payments. These changes, as well as justification for the changes, are described in detail in Section D, Item 6b of the SFA application. In my opinion, these assumptions are reasonable taking into account the experience of the Plan and reasonable expectations.
- Participant census data compiled as of January 1, 2022, which is summarized in the January 1, 2022 actuarial valuation is included under Section B, Item 2. I hereby certify the results of the independent death audit were reflected in a manner consistent with the proposed treatment of the death matches sent to PBGC. These changes are detailed in Section B, Item 9. The final count of participants as of the census date are shown below:

| | |
|--|-------|
| Active Participants | 534 |
| Vested Inactive Participants | 392 |
| Contingent Vested Terminated Participants* | 154 |
| Retired Participants | 614 |
| Disabled Participants | 21 |
| Beneficiaries** | 127 |
| Alternate Payees (QDROs)* | 56 |
| <hr/> | |
| Total Participants in Valuation | 1,898 |

**Excluded from headcounts for purposes of calculating PBGC Premiums*

***Includes 5 Beneficiary records for deceased Vested Terminated Participants, for whom an 85% assumption is applied to projected headcounts for purposes of calculating PBGC Premiums.*

Alaska Plumbers Plan

EIN/PN: 52-6103810 / 001

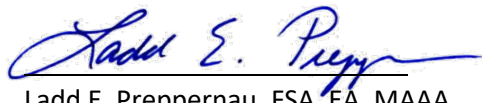
Application for Special Financial Assistance – Section E, Item 5: SFA Amount Certification

Milliman has prepared the calculations for the Plan's SFA application in accordance with generally acceptable actuarial principles and practices, and the provisions under §4262.4 of the PBGC's Final Rule. The calculation is based on the fair market value of assets as of the SFA measurement date, as certified by the Board of Trustees, and other information (some oral and some in writing) supplied by the Plan's administrator, auditor, and legal counsel. All data provided by others was relied on without audit, although we do review the information provided and found it to be reasonably consistent and comparable with information used for other purposes. The results depend on the integrity of this information. If any of this information is incomplete or inaccurate, our results may be different and our calculations may need to be revised.

Actuarial computations presented in the Plan's SFA application were prepared solely for purposes of this application. Determinations for other purposes may yield significantly different results from those shown in this report. Other calculations may be needed for other purposes, such as judging benefit security at termination.

The consultants who worked on this assignment are actuaries. Milliman's advice is not intended to be a substitute for qualified legal or accounting counsel.

On the basis of the foregoing, I hereby certify that to the best of my knowledge and belief, this report is complete and accurate and has been prepared in accordance with generally recognized and accepted actuarial principles and practices which are consistent with the principles prescribed by the Actuarial Standards Board and the Code of Professional Conduct and Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States promulgated by the American Academy of Actuaries. I am a member of the American Academy of Actuaries and meet its Qualification Standards to render the actuarial opinion contained herein.



Ladd E. Preppernau, FSA, EA, MAAA

Enrolled Actuary #23-06705

November 22, 2024

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

Eligibility for Special Financial Assistance

The Plan is eligible for Special Financial Assistance under §4262.3(a)(3) of the PBGC’s Final Rule. Below is the information used to determine this eligibility.

1. The Plan was certified in critical status within the meaning of ERISA Section 305(b)(2) for SFA eligibility purposes for the 2022 Plan Year. This certification is attached. The original 2022 Certification included additional changes from the pre-2021 certification of zone status which are not allowed to be reflected for SFA eligibility purposes. We have also attached a 2021 Certification following the same methodology.
2. The Plan’s modified funded percentage was less than 40% for the 2021 Plan Year. This determination is shown below:

| 4262.3(c)(2) Funded Percentage, 2021 Schedule MB | |
|--|---------------|
| a) Current Value of Net Assets (Line 2a) | \$232,911,329 |
| b) Current Value of Withdrawal Liability Due on an Accrual Basis | \$1,057,635 |
| c) Current Liability (Line 2(b)(4) column (2)) | \$706,843,770 |
| d) Modified Funded Percentage: (a + b) / c | 33.10% |

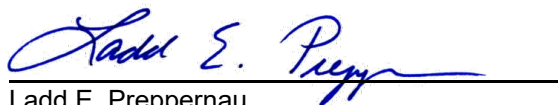
The current value of withdrawal liability due shown in line (b) above is the present value of the remaining payment schedules for all withdrawals incurred as of the measurement date for purposes of the 2021 Schedule MB (January 1, 2021). The current liability discount rate of 2.08% was used purposes of determining the present value.

3. The Plan’s active to inactive participant ratio is less than 2 to 3 for the 2021 Plan Year. This determination is shown below:

| 4262.3(a)(3)(iii) Active to Inactive Participant Ratio, 2021 Schedule MB | |
|--|--|
| a) Active Participants, line 2(b)(3)(c) | 545 |
| b) Inactive Participants, sum of lines 2(b)(1) and 2(b)(2) | 1,191 |
| c) Active to Inactive Participant Ratio: (a) / (b) | 0.46 actives per inactive (1.4 active per 3 inactives) |

Certification of Plan Actuary

Based on the information above, I hereby certify that the Alaska Plumbing and Pipefitting Industry Pension Plan meets the eligibility requirements for SFA under §4262.3(a)(3) of the PBGC’s Final Rule. I am a member of the American Academy of Actuaries (AAA) who meets the Qualification Standards of the AAA to render the actuarial opinion contained herein. I hereby certify that, to the best of my knowledge and belief, this certification is complete and accurate and has been prepared in accordance with generally recognized and accepted actuarial principles and practices.



Ladd E. Preppernau
 Enrolled Actuary #23-06705

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

**Actuarial Certification for Purposes of Eligibility for Special Financial Assistance
for the Plan Year Beginning January 1, 2022**

Plan Identification

Plan Name: Alaska Plumbing and Pipefitting Industry Pension Plan
EIN/PN: 52-6103810/001
Plan Sponsor: Board of Trustees of the Alaska Plumbing and Pipefitting Industry Pension Plan
Address: P.O. Box 34203
Seattle, WA 98124
Telephone Number: (206) 411-7574
Plan Year: Plan Year beginning January 1, 2022

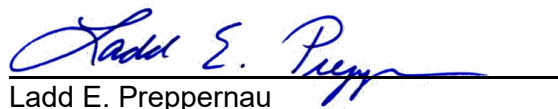
Enrolled Actuary Identification

Name: Ladd E. Preppernau
Enrollment Number: 23-06705
Address: 1455 SW Broadway
Suite 1600
Portland, OR 97201
Telephone Number: (503) 227-0634

Certification of Plan Status

I hereby certify that the Alaska Plumbing and Pipefitting Industry Pension Plan is “critical” for the Plan Year beginning January 1, 2022 for purposes of determining eligibility for Special Financial Assistance under Section 4262.3(a)(3)(i) of the PBGC’s Final Rule. Supporting information for this certification is on page 3 and a summary of the actuarial assumptions and methods used in making the certification is on page 4. The information presented is applicable only for the purposes stated herein.

I am a member of the American Academy of Actuaries (AAA) who meets the Qualification Standards of the AAA to render the actuarial opinion contained herein. I hereby certify that, to the best of my knowledge and belief, this certification is complete and accurate and has been prepared in accordance with generally recognized and accepted actuarial principles and practices.



Ladd E. Preppernau
Enrolled Actuary #23-06705

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

**Actuarial Certification for Purposes of Eligibility for Special Financial Assistance
 for the Plan Year Beginning January 1, 2022**

IRC Section 432(b) Funding Measurements

Projection of Credit Balance

| Plan Year Ending | Projected Credit Balance at End of Year | |
|---------------------|---|---|
| | Reflecting §431(d) Amortization Extensions | Not Reflecting §431(d) Amortization Extensions |
| 12/31/2021 | \$ 59,040,244 | \$ 40,669,716 |
| 12/31/2022 | 48,787,615 | 32,676,368 |
| 12/31/2023 | 38,182,620 | 24,061,079 |
| 12/31/2024 | 28,093,547 | 15,157,743 |
| 12/31/2025 | 13,182,846 | 808,931 |
| 12/31/2026 | (3,622,244) | (16,748,966) |

An accumulated funding deficiency is projected during the 2026 plan year both with and without reflecting the Plan’s §431(d) Amortization Extensions.

Funded Percentage

The funded percentage as of January 1, 2022 is 63%.

Critical Status Test

Based on the above information, the Plan is considered in critical status under §432(b)(2)(B) because the Plan’s PPA funded percentage is less than 65% and has a projected funding deficiency in the current year (2022) or four succeeding years (2023-2026), not reflecting the Plan’s §431(d) Amortization Extensions.

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

Actuarial Certification for Purposes of Eligibility for Special Financial Assistance for the Plan Year Beginning January 1, 2022

Summary of Assumptions, Methods, and Plan Provisions

- The following assumptions, methods, and plan provisions for this certification are identical to those used in the 2020 certification of plan status.
 - Plan provisions are identical to those used in the January 1, 2020 actuarial valuation dated October 6, 2020 and included in Section B, Item 2 of the SFA Application.
 - The valuation interest rate used to determine the Plan's liability at each date in the future is 7.0% per annum, consistent with the actuarial certification of plan status for 2020.
 - Consistent with the actuarial certification of plan status for 2020, the projections reflect an assumed rate of return on the market value of assets of 7.0% (net of investment-related expenses) for every year after the plan year ended December 31, 2020. No future asset gains or losses other than the gains or losses related to the asset smoothing method are reflected.
 - The administrative expenses are assumed to increase from the level assumed in the January 1, 2019 valuation (\$525,000) by 2.5% each year after 2020.
 - All actuarial assumptions and methods that are not specifically detailed in this certification are identical to those used for purposes of the 2020 certification of plan status included in Section B, Item 5 of the SFA Application.
- The following assumptions, methods, and participant data for this certification differ from those used in the 2020 certification of plan status because they reflect the Plan's experience through the January 1, 2022 measurement date (including investment experience, demographic changes, withdrawal liability information, and collective bargaining agreements). These are the same as used for the 2022 certification of plan status.
 - The 2020 certification of plan status was based on the January 1, 2019 actuarial valuation results. This certification is based on the January 1, 2021 participant data and January 1, 2021 actuarial valuation results, as provided in our actuarial report dated September 29, 2021 and included in Section B, Item 2 of the SFA Application, with the following exceptions:
 - The 2021 valuation interest rate used to determine the Plan's liability at each date in the future was 6.0% per annum. This certification uses 7.0% consistent with the actuarial certification of plan status for 2020 and PBGC guidance.

- Consistent with the actuarial certification of plan status for 2022, the results reflect an unaudited market value of assets of approximately \$236.2 million as of December 31, 2021 based on information provided by the Plan’s administrator and investment consultant for purposes of the 2022 certification.
- Consistent with the actuarial certification of plan status for 2022, the results reflect the following estimated average contribution rates for the total Plan:

| <u>Effective</u> | <u>Average Contribution Rate Inside the Formula</u> | <u>Average Contribution Rate Outside the Formula</u> |
|----------------------------|---|--|
| 1/1/2021 | \$9.62 | \$1.72 |
| 1/1/2022 | \$9.62 | \$1.77 |
| 1/1/2023 and thereafter | \$9.62 | \$1.82 |

- Consistent with the actuarial certification of plan status for 2022, the future annual hours worked were assumed to be 925,000 for 2022, declining 10,000 hours per year until 2027, after which point hours will remain level at 875,000 hours per year. The number of active participants and normal cost is assumed to change in proportion to the hours.
- Consistent with the actuarial certification of plan status for 2022, the results reflect actual withdrawal liability payments in 2021 of \$662,035 and expected withdrawal liability payments in 2022 of \$146,808.

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

**Actuarial Certification for Purposes of Eligibility for Special Financial Assistance
for the Plan Year Beginning January 1, 2021**

Plan Identification

Plan Name: Alaska Plumbing and Pipefitting Industry Pension Plan
EIN/PN: 52-6103810/001
Plan Sponsor: Board of Trustees of the Alaska Plumbing and Pipefitting Industry
Pension Plan
Address: P.O. Box 34203
Seattle, WA 98124
Telephone Number: (206) 411-7574
Plan Year: Plan Year beginning January 1, 2021

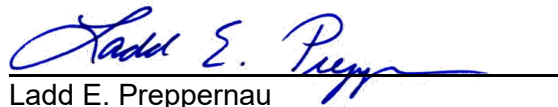
Enrolled Actuary Identification

Name: Ladd E. Preppernau
Enrollment Number: 23-06705
Address: 1455 SW Broadway
Suite 1600
Portland, OR 97201
Telephone Number: (503) 227-0634

Certification of Plan Status

I hereby certify that the Alaska Plumbing and Pipefitting Industry Pension Plan is “seriously endangered” for the Plan Year beginning January 1, 2021 for purposes of determining eligibility for Special Financial Assistance under Section 4262.3(a)(3)(i) of the PBGC’s Final Rule. Supporting information for this certification is on page 7 and a summary of the actuarial assumptions and methods used in making the certification is on page 8. The information presented is applicable only for the purposes stated herein.

I am a member of the American Academy of Actuaries (AAA) who meets the Qualification Standards of the AAA to render the actuarial opinion contained herein. I hereby certify that, to the best of my knowledge and belief, this certification is complete and accurate and has been prepared in accordance with generally recognized and accepted actuarial principles and practices.



Ladd E. Preppernau
Enrolled Actuary #23-06705

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

**Actuarial Certification for Purposes of Eligibility for Special Financial Assistance
 for the Plan Year Beginning January 1, 2021**

IRC Section 432(b) Funding Measurements

Projection of Credit Balance

| Plan Year Ending | Projected Credit Balance at End of Year | |
|---------------------|---|---|
| | Reflecting §431(d) Amortization Extensions | Not Reflecting §431(d) Amortization Extensions |
| 12/31/2020 | \$ 68,570,958 | \$ 48,422,925 |
| 12/31/2021 | 59,767,350 | 41,396,823 |
| 12/31/2022 | 50,557,335 | 34,446,085 |
| 12/31/2023 | 41,127,475 | 27,005,931 |
| 12/31/2024 | 32,258,582 | 19,322,775 |
| 12/31/2025 | 18,623,531 | 6,249,614 |
| 12/31/2026 | 3,161,562 | (9,965,164) |
| 12/31/2027 | (10,066,889) | (24,342,857) |

An accumulated funding deficiency is projected during the 2026 plan year without reflecting the Plan's §431(d) Amortization Extensions. An accumulated funding deficiency is projected during the 2027 plan year reflecting the Plan's §431(d) Amortization Extensions.

Funded Percentage

The funded percentage as of January 1, 2021 is 63%.

Zone Status Test

Based on the above information, the Plan is considered in seriously endangered status under §432(b)(1) because:

- The plan is not in critical status for the plan year and, as of the beginning of the plan year, and
- The plan's funded percentage is less than 80 percent and the plan is projected to have an accumulated funding deficiency within the 6 succeeding plan years (2022-2027), taking into account any extension of amortization periods under section §431(d).

ALASKA PLUMBING AND PIPEFITTING INDUSTRY PENSION PLAN

Actuarial Certification for Purposes of Eligibility for Special Financial Assistance for the Plan Year Beginning January 1, 2021

Summary of Assumptions, Methods, and Plan Provisions

- The following assumptions, methods, and plan provisions for this certification are identical to those used in the 2020 certification of plan status.
 - Plan provisions are identical to those used in the January 1, 2020 actuarial valuation dated October 6, 2020 and included in Section B, Item 2 of the SFA Application.
 - The valuation interest rate used to determine the Plan's liability at each date in the future is 7.0% per annum, consistent with the actuarial certification of plan status for 2020.
 - Consistent with the actuarial certification of plan status for 2020, the projections reflect an assumed rate of return on the market value of assets of 7.0% (net of investment-related expenses) for every year after the plan year ended December 31, 2020. No future asset gains or losses other than the gains or losses related to the asset smoothing method are reflected.
 - The administrative expenses are assumed to increase from the level assumed in the January 1, 2019 valuation (\$525,000) by 2.5% each year after 2020.
 - All actuarial assumptions and methods that are not specifically detailed in this certification are identical to those used for purposes of the 2020 certification of plan status included in Section B, Item 5 of the SFA Application.
- The following assumptions, methods, and participant data for this certification differ from those used in the 2020 certification of plan status because they reflect the Plan's experience through the January 1, 2021 measurement date (including investment experience, demographic changes, withdrawal liability information, and collective bargaining agreements). These are the same as used for the 2021 certification of plan status.
 - The 2020 certification of plan status was based on the January 1, 2019 actuarial valuation results. This certification is based on the January 1, 2020 participant data and January 1, 2020 actuarial valuation results, as provided in our actuarial report dated October 6, 2020 and included in Section B, Item 2 of the SFA Application.
 - Consistent with the actuarial certification of plan status for 2021, the results reflect an unaudited market value of assets of approximately \$233.2 million as of December 31, 2020 based on information provided by the Plan's administrator and investment consultant for purposes of the 2021 certification.

- Consistent with the actuarial certification of plan status for 2021, the results reflect the following estimated average contribution rates for the total Plan:

| <u>Effective</u> | <u>Average Contribution Rate Inside the Formula</u> | <u>Average Contribution Rate Outside the Formula</u> |
|----------------------------|---|--|
| 1/1/2020 | \$9.23 | \$1.56 |
| 1/1/2021 and thereafter | \$9.32 | \$1.56 |

- Consistent with the actuarial certification of plan status for 2021, the future annual hours worked were assumed to be 1,100,000 for 2021 and each year thereafter. The number of active participants and normal cost is assumed to change in proportion to the hours.

Alaska Plumbers Plan

EIN/PN: 52-6103810 / 001

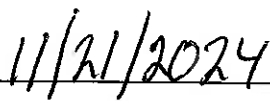
Application for Special Financial Assistance – Section E, Item 10: Penalty of Perjury Statement

Section E, Item 10 – Penalty of Perjury Statement

Under penalty of perjury under the laws of the United States of America, I declare that I am an authorized trustee who is a current member of the board of trustees of the Alaska Plumbing and Pipefitting Industry Pension Plan and that I have examined this application, including accompanying documents, and, to the best of my knowledge and belief, the application contains all the relevant facts relating to the application, all statements of fact contained in the application are true, correct, and not misleading because of omission of any material fact; and all accompanying documents are what they purport to be.



Greg Campbell, Authorized Trustee



Date

Application Checklist

v20240717p

Instructions for Section E, Item 1 of the Instructions for Filing Requirements for Multiemployer Plans Applying for Special Financial Assistance (SFA):


The Application to PBGC for Approval of Special Financial Assistance Checklist ("Application Checklist" or "Checklist") identifies all information required to be filed with an initial or revised application. For a supplemented application, instead use "Application Checklist - Supplemented." The Application Checklist is not required for a lock-in application.

For a plan required to submit additional information described in Addendum A of the SFA Filing Instructions, also complete Checklist Items #40.a. to #49.b., and if there is a merger as described in Addendum A, also complete Checklist Items #50 through #63.

Applications (including this Application Checklist), with the exception of lock-in applications, must be submitted to PBGC electronically through PBGC's e-Filing Portal, (<https://efilingportal.pbgc.gov/site/>). After logging into the e-Filing Portal, go to the Multiemployer Events section and click "Create New ME Filing." Under "Select a filing type," select "Application for Financial Assistance – Special." Note: revised and supplemented applications must be submitted by selecting "Create New ME Filing."

Note: If you go to the e-Filing Portal and do not see "Application for Financial Assistance – Special" under the "Select a Filing Type," then the e-Filing Portal is temporarily closed and PBGC is not accepting applications (other than lock-in applications) at the time, unless the plan is eligible to make an emergency filing under § 4262.10(f). PBGC's website, www.pbgc.gov, will be updated when the e-Filing Portal reopens for applications. PBGC maintains information on its website at www.pbgc.gov to inform prospective applicants about the current status of the e-Filing portal, as well as to provide advance notice of when PBGC expects to open or temporarily close the e-Filing Portal.

General instructions for completing the Application Checklist:

Complete all items that are shaded: 

If required information was already filed: (1) through PBGC's e-Filing Portal; or (2) through any means for an insolvent plan, a plan that has received a partition, or a plan that submitted an emergency filing, the filer may either upload the information with the application or include a statement in the Plan Comments section of the Application Checklist indicating the date on which and the submission with which the information was previously filed. For any such items previously provided, enter N/A as the **Plan Response**.

For a revised application, the filer may, but is not required to, submit an entire application. For all Application Checklist Items that were previously filed that are not being changed, the filer may include a statement in the Plan Comments section of the Application Checklist to indicate that the other information was previously provided as part of the initial application. For each, enter N/A as the **Plan Response**.

Instructions for specific columns:

Plan Response: Provide a response to each item on the Application Checklist, using only the **Response Options** shown for each Checklist Item.

Name(s) of Files Uploaded: Identify the full name of the file or files uploaded that are responsive to the Checklist Item. The column **Upload as Document Type** provides guidance on the "document type" to select when submitting documents on PBGC's e-Filing Portal.

Page Number Reference(s): For Checklist Items #22 to #29c, submit all information in a single document and identify here the relevant page numbers for each such Checklist Item.

Plan Comments: Use this column to provide explanations for any **Plan Response** that is N/A, to respond as may be specifically identified for Checklist Items, and to provide any optional explanatory comments.

Additional guidance is provided in the following columns:

Upload as Document Type: When uploading documents in PBGC's e-Filing Portal, select the appropriate Document Type for each document that is uploaded. This column provides guidance on the Document Type to select for each Checklist Item. You may upload more than one document using the same Document Type, and there may be Document Types on the e-Filing Portal for which you have no documents to upload.

Required Filenaming (if applicable): For certain Checklist Items, a specified format for naming the file is required.

SFA Instructions Reference: Identifies the applicable section and item number in PBGC's Instructions for Filing Requirements for Multiemployer Plans Applying for Special Financial Assistance.

You must select N/A if a Checklist Item # is not applicable to your application. **Your application will be considered incomplete if No is entered as a Plan Response for any of Checklist Items #1 through #39 on the Application Checklist. If there has been an event as described in § 4262.4(f), complete Checklist Items #40.a. through #49.b., and if there has been a merger described in Addendum A, also complete Checklist Items #50 through #63. Your application will be considered incomplete if No is entered as a Plan Response for any of Checklist Items #40.a. through #49.b. if you are required to complete Checklist Items # 40.a. through #49.b. Your application will also be considered incomplete if No is entered as a Plan Response for any of Checklist Items #50 through #63 if you are required to complete Checklist Items #50 through #63.**

If a Checklist Item # asks multiple questions or requests multiple items, the Plan Response should only be Yes if the plan is providing all information requested for that Checklist Item.

Note, a Yes or No response is also required for Checklist Items #a through #f.

Note, in the case of a plan applying for priority consideration, the plan's application must also be submitted to the Treasury Department. If that requirement applies to an application, PBGC will transmit the application to the Treasury Department on behalf of the plan. See IRS Notice [NOTICE] for further information.

All information and documentation, unless covered by the Privacy Act, that is included in an SFA application may be posted on PBGC's website at www.pbgc.gov or otherwise publicly disclosed, without additional notification. Except to the extent required by the Privacy Act, PBGC provides no assurance of confidentiality in any information included in an SFA application.

Version Updates (newest version at top)

Version Date updated

| | | |
|------------|------------|--|
| v20240717p | 07/17/2024 | Update checklist items 11.c, 34.a, and 35 for death audit requirements and to align with instructions |
| v07272023p | 07/27/2023 | Updated checklist to include new Template 10 requirement and reflect changes to eligibility and death audit instructions |
| v20221129p | 11/29/2022 | Updated checklist item 11. for new death audit requirements |
| v20220802p | 08/02/2022 | Fixed some of the shading in the checklist |
| v20220706p | 07/06/2022 | |

Application to PBGC for Approval of Special Financial Assistance (SFA)
APPLICATION CHECKLIST

v20240717p

| | |
|-----------------------|---|
| Plan name: | Alaska Plumbing and Pipefitting Industry Pension Plan |
| EIN: | 52-6103810 |
| PN: | 001 |
| SFA Amount Requested: | \$100,555,123 |

Do NOT use this Application Checklist for a supplemented application. Instead use Application Checklist - Supplemented.

-----Filers provide responses here for each Checklist Item:-----

Unless otherwise specified:
YYYY = plan year
Plan Name = abbreviated plan name

Explain all N/A responses. Provide comments where noted. Also add any other optional explanatory comments.

Your application will be considered incomplete if No is entered as a Plan Response for any of Checklist Items #1 through #39. In addition, if required to provide information due to a "certain event" (see Addendum A of the

| Checklist Item # | SFA Filing Instructions Reference | | Response Options | Plan Response | Name of File(s) Uploaded | Page Number Reference(s) | Plan Comments | In the e-Filing Portal, upload as Document Type | Use this Filenaming Convention |
|--|-----------------------------------|---|------------------|---------------|---|--------------------------|--|---|--------------------------------|
| Plan Information, Checklist, and Certifications | | | | | | | | | |
| a. | | Is this application a revised application submitted after the denial of a previously filed application for SFA? | Yes No | No | N/A | N/A | | N/A | N/A |
| b. | | Is this application a revised application submitted after a plan has withdrawn its application for SFA that was initially submitted under the interim final rule? | Yes No | No | N/A | N/A | | N/A | N/A |
| c. | | Is this application a revised application submitted after a plan has withdrawn its application for SFA that was submitted under the final rule? | Yes No | Yes | N/A | N/A | | N/A | N/A |
| d. | | Did the plan previously file a lock-in application? | Yes No | Yes | N/A | N/A | Filed 3/28/2023 | N/A | N/A |
| e. | | Has this plan been terminated? | Yes No | No | N/A | N/A | If terminated, provide date of plan termination. | N/A | N/A |
| f. | | Is this plan a MPRA plan as defined under § 4262.4(a)(3) of PBGC's SFA regulation? | Yes No | No | N/A | N/A | | N/A | N/A |
| 1. | Section B, Item (1)a. | Does the application include the most recent plan document or restatement of the plan document and all amendments adopted since the last restatement (if any)? | Yes No | Yes | Alaska Plumbers Plan Document with Amendments.pdf | N/A | Previously filed as part of application submitted July 25, 2024. | Pension plan documents, all versions available, and all amendments signed and dated | N/A |
| 2. | Section B, Item (1)b. | Does the application include the most recent trust agreement or restatement of the trust agreement, and all amendments adopted since the last restatement (if any)? | Yes No | Yes | Alaska Plumbers Trust Agreement.pdf | N/A | Previously filed as part of application submitted July 25, 2024. | Pension plan documents, all versions available, and all amendments signed and dated | N/A |
| 3. | Section B, Item (1)c. | Does the application include the most recent IRS determination letter? Enter N/A if the plan does not have a determination letter. | Yes No N/A | Yes | Alaska Plumbers IRS Determination Letter 04222015.pdf | N/A | Previously filed as part of application submitted July 25, 2024. | Pension plan documents, all versions available, and all amendments signed and dated | N/A |
| 4. | Section B, Item (2) | Does the application include the actuarial valuation report for the 2018 plan year and each subsequent actuarial valuation report completed before the filing date of the initial application? Enter N/A if no actuarial valuation report was prepared because it was not required for any requested year. Is each report provided as a separate document using the required filename convention? | Yes No N/A | Yes | 2018AVR Alaska Plumbers.pdf 2019AVR Alaska Plumbers.pdf 2020AVR Alaska Plumbers.pdf 2021AVR Alaska Plumbers.pdf 2022AVR Alaska Plumbers.pdf | N/A | Five reports provided, 2018 through 2022. Previously filed as part of application submitted July 25, 2024. | Most recent actuarial valuation for the plan | YYYYAVR Plan Name |
| 5.a. | Section B, Item (3) | Does the application include the most recent rehabilitation plan (or funding improvement plan, if applicable), including all subsequent amendments and updates, and the percentage of total contributions received under each schedule of the rehabilitation plan or funding improvement plan for the most recent plan year available? | Yes No | Yes | Alaska Plumbers Rehabilitation Plan.pdf and Alaska Plumbers Section B - Rehab Percentages.pdf | N/A | Previously filed as part of application submitted July 25, 2024. | Rehabilitation plan (or funding improvement plan, if applicable) | N/A |
| 5.b. | | If the most recent rehabilitation plan does not include historical documentation of rehabilitation plan changes (if any) that occurred in calendar year 2020 and later, does the application include an additional document with these details? Enter N/A if the historical document is contained in the rehabilitation plans. | Yes No N/A | N/A | | N/A | Historical documentation is contained in rehabilitation plan. | Rehabilitation plan (or funding improvement plan, if applicable) | N/A |
| 6. | Section B, Item (4) | Does the application include the plan's most recently filed (as of the filing date of the initial application) Form 5500 (Annual Return/Report of Employee Benefit Plan) and all schedules and attachments (including the audited financial statement)? Is the 5500 filing provided as a single document using the required filename convention? | Yes No | Yes | 2021Form5500 Alaska Plumbers.pdf | N/A | Previously filed as part of application submitted July 25, 2024. | Latest annual return/report of employee benefit plan (Form 5500) | YYYYForm5500 Plan Name |

Application to PBGC for Approval of Special Financial Assistance (SFA)
APPLICATION CHECKLIST

v20240717p

| | |
|-----------------------|---|
| Plan name: | Alaska Plumbing and Pipefitting Industry Pension Plan |
| EIN: | 52-6103810 |
| PN: | 001 |
| SFA Amount Requested: | \$100,555,123 |

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|------------------|-----------------------------------|--|------------------|---------------|--|--------------------------|--|---|--|
| 7.a. | Section B, Item (5) | Does the application include the plan actuary's certification of plan status ("zone certification") for the 2018 plan year and each subsequent annual certification completed before the filing date of the initial application? Enter N/A if the plan does not have to provide certifications for any requested plan year. Is each zone certification (including the additional information identified in Checklist Items #7.b. and #7.c. below, if applicable) provided as a single document, separately for each plan year, using the required filename convention? | Yes No N/A | Yes | 2018Zone20180330 Alaska Plumbers.pdf 2019Zone20190331 Alaska Plumbers.pdf 2020Zone20200330 Alaska Plumbers.pdf 2021Zone20210331 Alaska Plumbers.pdf 2022Zone20220330 Alaska Plumbers.pdf | N/A | Five zone certifications provided, 2018 through 2022. Previously filed as part of application submitted July 25, 2024. | Zone certification | YYYYZoneYYYYMDD Plan Name, where the first "YYYY" is the applicable plan year, and "YYYYMDD" is the date the certification was prepared. |
| 7.b. | | Does the application include documentation for all zone certifications that clearly identifies all assumptions used including the interest rate used for funding standard account purposes? If such information is provided in an addendum, addendums are only required for the most recent actuarial certification of plan status completed before January 1, 2021 and each subsequent annual certification. Is this information included in the single document in Checklist Item #7.a. for the applicable plan year? Enter N/A if the plan entered N/A for Checklist Item #7a. | Yes No N/A | Yes | N/A - include as part of documents in Checklist Item #7.a. | N/A | | N/A - include as part of documents in Checklist Item #7.a. | N/A - included in a single document for each plan year - See Checklist Item #7.a. |
| 7.c. | | For a certification of critical and declining status, does the application include the required plan-year-by-plan-year projection (showing the items identified in Section B, Item (5)a. through (5)f. of the SFA Instructions) demonstrating the plan year that the plan is projected to become insolvent? If required, is this information included in the single document in Checklist Item #7.a. for the applicable plan year? Enter N/A if the plan entered N/A for Checklist Item #7.a. or if the application does not include a certification of critical and declining status. | Yes No N/A | N/A | N/A - include as part of documents in Checklist Item #7.a. | N/A | Not certifying critical and declining status for application | N/A - include as part of documents in Checklist Item #7.a. | N/A - included in a single document for each plan year - See Checklist Item #7.a. |
| 8. | Section B, Item (6) | Does the application include the most recent account statements for each of the plan's cash and investment accounts? Insolvent plans may enter N/A, and identify in the Plan Comments that this information was previously submitted to PBGC and the date submitted. | Yes No N/A | Yes | Alaska Plumbers account statements.pdf | N/A | Previously filed as part of application submitted July 25, 2024. | Bank/Asset statements for all cash and investment accounts | N/A |
| 9. | Section B, Item (7) | Does the application include the most recent plan financial statement (audited, or unaudited if audited is not available)? Insolvent plans may enter N/A, and identify in the Plan Comments that this information was previously submitted to PBGC and the date submitted. | Yes No N/A | Yes | 12312022 Audit Alaska Plumbers.pdf | N/A | Previously filed as part of application submitted July 25, 2024. | Plan's most recent financial statement (audited, or unaudited if audited not available) | N/A |
| 10. | Section B, Item (8) | Does the application include all of the plan's written policies and procedures governing the plan's determination, assessment, collection, settlement, and payment of withdrawal liability? Are all such items included as a single document using the required filenaming convention? | Yes No N/A | Yes | WDL Alaska Plumbers.pdf | N/A | Previously filed as part of application submitted July 25, 2024. | Pension plan documents, all versions available, and all amendments signed and dated | WDL Plan Name |

Application to PBGC for Approval of Special Financial Assistance (SFA)
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v20240717p

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| PN: | 001 |
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| 11.a. | Section B, Item (9)a. | Does the application include documentation of a death audit to identify deceased participants that was completed on the census data used for SFA purposes, including identification of the service provider conducting the audit, date performed, the participant counts (provided separately for current retirees and beneficiaries, current terminated vested participants not yet in pay status, and current active participants) run through the death audit, and a copy of the results of the audit provided to the plan administrator by the service provider? | Yes No | Yes | Death Audit Alaska Plumbers.pdf | N/A | Previously filed as part of application submitted July 25, 2024. | Pension plan documents, all versions available, and all amendments signed and dated | Death Audit Plan Name |
| | | If applicable, has personally identifiable information in this report been redacted prior to submission to PBGC? Is this information included as a single document using the required filenaming convention? | | | | | | | |
| 11.b. | | If any known deaths occurred before the date of the census data used for SFA purposes, is a statement certifying these deaths were reflected for SFA calculation purposes provided? | Yes No N/A | Yes | N/A - include as part of documents in Checklist Item #11.a. | N/A | | N/A | N/A - include as part of documents in Checklist Item #11.a. |
| 11.c. | Section B, Item (9)b. & Item (9)c. | Does the application include full census data (Social Security Number, name, and participant status) of all participants that were included in the SFA projections? Is this information provided in Excel, or in an Excel-compatible format? Or, if this data was submitted in advance of the application, in accordance with Section B, Item (9)c. of the Instructions, does the application contain a description of how the results of PBGC's independent death audit are reflected for SFA calculation purposes? | Yes No N/A | Yes | | N/A | Full census data previously submitted to PBGC via Leapfile. Previously filed as part of application submitted July 25, 2024. | Submit the data file and the date of the census data through PBGC's secure file transfer system, Leapfile. Go to http://pbgc.leapfile.com , click on "Secure Upload" and then enter sfa@pbgc.gov as the recipient email address and upload the file(s) for secure transmission. | Include as the subject "Submission of Terminated Vested Census Data for (Plan Name)," and as the memo "(Plan Name) terminated vested census data dated (date of census data) through Leapfile for independent audit by PBGC." |
| 12. | Section B, Item (10) | Does the application include information required to enable the plan to receive electronic transfer of funds if the SFA application is approved, including (if applicable) a notarized payment form? See SFA Instructions, Section B, Item (10). | Yes No | Yes | ACH Alaska Plumbers.pdf | N/A | Previously filed as part of application submitted July 25, 2024. | Other | N/A |
| 13. | Section C, Item (1) | Does the application include the plan's projection of expected benefit payments that should have been attached to the Form 5500 Schedule MB in response to line 8b(1) on the Form 5500 Schedule MB for plan years 2018 through the last year the Form 5500 was filed by the filing date of the initial application? Enter N/A if the plan is not required to respond Yes to line 8b(1) on the Form 5500 Schedule MB. See Template 1. Does the uploaded file use the required filenaming convention? | Yes No N/A | Yes | Template 1 Alaska Plumbers.xlsx | N/A | Previously filed as part of application submitted July 25, 2024. | Financial assistance spreadsheet (template) | Template 1 Plan Name |

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|------------------|--|--|------------------|---------------|---|--------------------------|---|---|---|
| 14. | Section C, Item (2) | If the plan was required to enter 10,000 or more participants on line 6f of the most recently filed Form 5500 (by the filing date of the initial application), does the application include a current listing of the 15 largest contributing employers (the employers with the largest contribution amounts) and the amount of contributions paid by each employer during the most recently completed plan year before the filing date of the initial application (without regard to whether a contribution was made on account of a year other than the most recently completed plan year)? If this information is required, it is required for the 15 largest contributing employers even if the employer's contribution is less than 5% of total contributions. Enter N/A if the plan is not required to provide this information. See Template 2. Does the uploaded file use the required filenaming convention? | Yes No N/A | N/A | | N/A | Not required to provide this information, under 10,000 participants | Contributing employers | Template 2 Plan Name |
| 15. | Section C, Item (3) | Does the application include historical plan information for the 2010 plan year through the plan year immediately preceding the date the plan's initial application was filed that separately identifies: total contributions, total contribution base units (including identification of the unit used), average contribution rates, and number of active participants at the beginning of each plan year? For the same period, does the application show all other sources of non-investment income such as withdrawal liability payments collected, reciprocity contributions (if applicable), additional contributions from the rehabilitation plan (if applicable), and other identifiable sources of contributions? See Template 3. Does the uploaded file use the required filenaming convention? | Yes No | Yes | Template 3 Alaska Plumbers.xlsx | N/A | Previously filed as part of application submitted July 25, 2024. | Historical Plan Financial Information (CBUs, contribution rates, contribution amounts, withdrawal liability payments) | Template 3 Plan Name |
| 16.a. | Section C, Items (4)a., (4)e., and (4)f. | Does the application include the information used to determine the amount of SFA for the plan using the basic method described in § 4262.4(a)(1) based on a deterministic projection and using the actuarial assumptions as described in § 4262.4(e)? See Template 4A, 4A-4 SFA Details .A(a)(1) sheet and Section C, Item (4) of the SFA Filing Instructions for more details on these requirements. Does the uploaded file use the required filenaming convention? | Yes No | Yes | Template 4A Alaska Plumbers _ Revised.xlsx | N/A | | Projections for special financial assistance (estimated income, benefit payments and expenses) | Template 4A Plan Name |
| 16.b.i. | Addendum D Section C, Item (4)a. - MPRA plan information A. Addendum D Section C, Item (4)e. - MPRA plan information A. | If the plan is a MPRA plan, does the application also include the information used to determine the amount of SFA for the plan using the increasing assets method described in § 4262.4(a)(2)(i) based on a deterministic projection and using the actuarial assumptions as described in § 4262.4(e)? See Template 4A, 4A-5 SFA Details .A(a)(2)(i) sheet and Addendum D for more details on these requirements. Enter N/A if the plan is not a MPRA Plan. | Yes No N/A | N/A | N/A - included as part of Template 4A Plan Name | N/A | Not a MPRA Plan | N/A | N/A - included in Template 4A Plan Name |

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|------------------|--|--|------------------|---------------|---|--------------------------|-----------------|--|---|
| 16.b.ii. | Addendum D Section C, Item (4)f. - MPRA plan information A. | If the plan is a MPRA plan for which the requested amount of SFA is determined using the <u>increasing assets method</u> described in § 4262.4(a)(2)(i), does the application also explicitly identify the projected SFA exhaustion year based on the <u>increasing assets method</u> ? See Template 4A, <i>4A-5 SFA Details 4(a)(2)(i)</i> sheet and Addendum D. Enter N/A if the plan is not a MPRA Plan or if the requested amount of SFA is determined based on the present value method. | Yes No N/A | N/A | N/A - included as part of Template 4A Plan Name | N/A | Not a MPRA Plan | N/A | N/A - included in Template 4A Plan Name |
| 16.b.iii. | Addendum D Section C, Item (4)a. - MPRA plan information B Addendum D Section C, Item (4)e. (4)f., and (4)g. - MPRA plan information B. | If the plan is a MPRA plan for which the requested amount of SFA is determined using the <u>present value method</u> described in § 4262.4(a)(2)(ii), does the application also include the information for such plans as shown in Template 4B, including <i>4B-1 SFA Ben Pmts</i> sheet, <i>4B-2 SFA Details 4(a)(2)(ii)</i> sheet, and <i>4B-3 SFA Exhaustion</i> sheet? See Addendum D and Template 4B. Enter N/A if the plan is not a MPRA Plan or if the requested amount of SFA is determined based on the increasing assets method. | Yes No N/A | N/A | | N/A | Not a MPRA Plan | N/A | Template 4B Plan Name |
| 16.c. | Section C, Items (4)b. and (4)c. | Does the application include identification of the non-SFA interest rate and the SFA interest rate, including details on how each was determined? See Template 4A, <i>4A-1 Interest Rates</i> sheet. | Yes No | Yes | N/A - included as part of Template 4A Plan Name | N/A | | N/A | N/A - included in Template 4A Plan Name |
| 16.d. | Section C, Item (4).e.ii. | For each year in the SFA coverage period, does the application include the projected benefit payments (excluding make-up payments, if applicable), separately for current retirees and beneficiaries, current terminated vested participants not yet in pay status, current active participants, and new entrants? See Template 4A, <i>4A-2 SFA Ben Pmts</i> sheet. | Yes No | Yes | N/A - included as part of Template 4A Plan Name | N/A | | N/A | N/A - included in Template 4A Plan Name |
| 16.e. | Section C, Item (4).e.iv. and (4).e.v. | For each year in the SFA coverage period, does the application include a breakdown of the administrative expenses between PBGC premiums and all other administrative expenses? Does the application include the projected total number of participants at the beginning of each plan year in the SFA coverage period? See Template 4A, <i>4A-3 SFA Pcount and Admin Exp</i> sheet. | Yes No | Yes | N/A - included as part of Template 4A Plan Name | N/A | | N/A | N/A - included in Template 4A Plan Name |
| 17.a. | Section C, Item (5) | For a plan that is not a MPRA plan, does the application include a separate deterministic projection ("Baseline") in the same format as Checklist Items #16.a., #16.d., and #16.e. that shows the amount of SFA that would be determined using the <u>basic method</u> if the assumptions/methods used are the same as those used in the most recent actuarial certification of plan status completed before January 1, 2021 ("pre-2021 certification of plan status") excluding the plan's non-SFA interest rate and SFA interest rate, which should be the same as in Checklist Item #16.a.? See Section C, Item (5) of the SFA Filing Instructions for other potential exclusions from this requirement. If (a) the plan is a MPRA plan, or if (b) this item is not required for a plan that is not a MPRA plan, enter N/A. If entering N/A due to (b), add information in the Plan Comments to explain why this item is not required. Does the uploaded file use the required filenaming convention? | Yes No N/A | Yes | Template 5A Alaska Plumbers _ Revised.xlsx | N/A | | Projections for special financial assistance (estimated income, benefit payments and expenses) | Template 5A Plan Name |

Application to PBGC for Approval of Special Financial Assistance (SFA)
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| 17.b. | Addendum D Section C, Item (5) | For a MPRA plan for which the requested amount of SFA is determined using the <u>increasing assets method</u> , does the application include a separate deterministic projection ("Baseline") in the same format as Checklist Items #16.b.i., #16.d., and #16.e. that shows the amount of SFA that would be determined using the <u>increasing assets method</u> if the assumptions/methods used are the same as those used in the most recent actuarial certification of plan status completed before January 1, 2021 ("pre-2021 certification of plan status") excluding the plan's non-SFA interest rate and SFA interest rate, which should be the same as used in Checklist Item #16.b.i.? See Section C, Item (5) of the SFA Filing Instructions for other potential exclusions from this requirement. Also see Addendum D. If the plan is (a) not a MPRA plan, (b) a MPRA plan using the present value method, or (c) is otherwise not required to provide this item, enter N/A. If entering N/A due to (c), add information in the Plan Comments to explain why this item is not required. Does the uploaded file use the required filenaming convention? | Yes No N/A | N/A | | N/A | Not a MPRA Plan | Projections for special financial assistance (estimated income, benefit payments and expenses) | Template 5A Plan Name |
| 17.c. | Addendum D Section C, Item (5) | For a MPRA plan for which the requested amount of SFA is determined using the <u>present value method</u> , does the application include a separate deterministic projection ("Baseline") in the same format as Checklist Item #16.b.iii. that shows the amount of SFA that would be determined using the <u>present value method</u> if the assumptions used/methods are the same as those used in the most recent actuarial certification of plan status completed before January 1, 2021 ("pre-2021 certification of plan status") excluding the plan's SFA interest rate which should be the same as used in Checklist Item #16.b.iii. See Section C, Item (5) of the SFA Filing Instructions for other potential exclusions from this requirement. Also see Addendum D. If the plan is (a) not a MPRA plan, (b) a MPRA plan using the increasing assets method, or (c) is otherwise not required to provide this item, enter N/A. If entering N/A due to (c), add information in the Plan Comments to explain why this item is not required. Has this document been uploaded using the required filenaming convention? | Yes No N/A | N/A | | N/A | Not a MPRA Plan | Projections for special financial assistance (estimated income, benefit payments and expenses) | Template 5B Plan Name |
| 18.a. | Section C, Item (6) | For a plan that is not a MPRA plan, does the application include a reconciliation of the change in the total amount of requested SFA due to each change in assumption/method from the Baseline to the requested SFA amount? Does the application include a deterministic projection and other information for each assumption/method change, in the same format as Checklist Item #16.a.? Enter N/A if the plan is not required to provide Baseline information in Checklist Item #17.a. Enter N/A if the requested SFA amount in Checklist Item #16.a. is the same as the amount shown in the Baseline details of Checklist Item #17.a. See Section C, Item (6) of the SFA Filing Instructions for other potential exclusions from this requirement. If the plan is a MPRA plan, enter N/A. If the plan is otherwise not required to provide this item, enter N/A and provide an explanation in the Plan Comments. Does the uploaded file use the required filenaming convention? | Yes No N/A | Yes | Template 6A Alaska Plumbers _ Revised.xlsx | N/A | | Projections for special financial assistance (estimated income, benefit payments and expenses) | Template 6A Plan Name |

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| 18.b. | Addendum D Section C, Item (6) | For a MPRA plan for which the requested amount of SFA is based on the <u>increasing assets method</u> , does the application include a reconciliation of the change in the total amount of requested SFA using the <u>increasing assets method</u> due to each change in assumption/method from the Baseline to the requested SFA amount? Does the application include a deterministic projection and other information for each assumption/method change, in the same format as Checklist Item #16.b.i.? Enter N/A if the plan is not required to provide Baseline information in Checklist Item #17.b. Enter N/A if the requested SFA amount in Checklist Item #16.b.i. is the same as the amount shown in the Baseline details of Checklist Item #17.b. See Addendum D. See Section C, Item (6) of the SFA Filing Instructions for other potential exclusions from this requirement, and enter N/A if this item is not otherwise required. If the plan is (a) not a MPRA plan, (b) a MPRA plan using the present value method, or (c) is otherwise not required to provide this item, enter N/A. If entering N/A due to (c), add information in the Plan Comments to explain why this item is not required. Does the uploaded file use the required filenaming convention? | Yes No N/A | N/A | | N/A | Not a MPRA Plan | Projections for special financial assistance (estimated income, benefit payments and expenses) | Template 6A Plan Name |
| 18.c. | Addendum D Section C, Item (6) | For a MPRA plan for which the requested amount of SFA is based on the <u>present value method</u> , does the application include a reconciliation of the change in the total amount of requested SFA using the <u>present value method</u> due to each change in assumption/method from Baseline to the requested SFA amount? Does the application include a deterministic projection and other information for each assumption/method change, in the same format as Checklist Item #16.b.iii.? See Section C, Item (6) of the SFA Filing Instructions for other potential exclusions from this requirement. Also see Addendum D. If the plan is (a) not a MPRA plan, (b) a MPRA plan using the increasing assets method, or (c) is otherwise not required to provide this item, enter N/A. If entering N/A due to (c), add information in the Plan Comments to explain why this item is not required. Has this document been uploaded using the required filenaming convention? | Yes No N/A | N/A | | N/A | Not a MPRA Plan | Projections for special financial assistance (estimated income, benefit payments and expenses) | Template 6B Plan Name |

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| Checklist Item # | SFA Filing Instructions Reference | | Response Options | Plan Response | Name of File(s) Uploaded | Page Number Reference(s) | Plan Comments | In the e-Filing Portal, upload as Document Type | Use this Filenaming Convention |
|------------------|-----------------------------------|--|------------------|---------------|--|--------------------------|---------------|--|--|
| 19.a. | Section C, Item (7)a. | For plans eligible for SFA under § 4262.3(a)(1) or § 4262.3(a)(3), does the application include a table identifying which assumptions/methods used in determining the plan's eligibility for SFA differ from those used in the pre-2021 certification of plan status, and does that table include brief explanations as to why using those assumptions/methods is no longer reasonable and why the changed assumptions/methods are reasonable (an abbreviated version of information provided in Checklist Item #28.a.)? Enter N/A if the plan is eligible for SFA under § 4262.3(a)(2) or § 4262.3(a)(4) or if the plan is eligible based on a certification of plan status completed before 1/1/2021. Also enter N/A if the plan is eligible based on a certification of plan status completed after 12/31/2020 but that reflects the same assumptions as those in the pre-2021 certification of plan status. See Template 7, 7a Assump Changes for Elig sheet. Does the uploaded file include both Checklist Items #19.a. and #19.b., and does it use the required filenaming convention? | Yes No N/A | Yes | Template 7 Alaska Plumbers _ Revised.xlsx | N/A | | Financial assistance spreadsheet (template) | Template 7 Plan Name. |
| 19.b. | Section C, Item (7)b. | Does the application include a table identifying which assumptions/methods used to determine the requested SFA differ from those used in the pre-2021 certification of plan status (except the interest rates used to determine SFA)? Does this item include brief explanations as to why using those original assumptions/methods is no longer reasonable and why the changed assumptions/methods are reasonable? If a changed assumption is an extension of the CBU assumption or the administrative expenses assumption as described in Paragraph A "Adoption of assumptions not previously factored into pre-2021 certification of plan status" of Section III, Acceptable Assumption Changes of PBGC's SFA assumptions guidance, does the application state so? This should be an abbreviated version of information provided in Checklist Item #28.b. See Template 7, 7b Assump Changes for Amount sheet. Does the uploaded file include both Checklist Items #19.a. and #19.b., and does it use the required filenaming convention? | Yes No | Yes | Template 7 Alaska Plumbers _ Revised.xlsx | N/A | | Financial assistance spreadsheet (template) | Template 7 Plan Name |
| 20.a. | | Does the application include details of the projected contributions and withdrawal liability payments used to calculate the requested SFA amount, including total contributions, contribution base units (including identification of base unit used), average contribution rate(s), reciprocity contributions (if applicable), additional contributions from the rehabilitation plan (if applicable), and any other identifiable contribution streams? See Template 8. | Yes No | Yes | Template 8 Alaska Plumbers _ Revised.xlsx | N/A | | Projections for special financial assistance (estimated income, benefit payments and expenses) | Template 8 Plan Name |
| 20.b. | Section C, Item (8) | Does the application separately show the amounts of projected withdrawal liability payments for employers that are currently withdrawn as of the date the initial application is filed, and assumed future withdrawals? Does the application also provide the projected number of active participants at the beginning of each plan year? See Template 8. | Yes No | Yes | N/A - include as part of Checklist Item #20.a. | N/A | | N/A | N/A - included in Template 8 Plan Name |

Application to PBGC for Approval of Special Financial Assistance (SFA)
APPLICATION CHECKLIST

v20240717p

| | |
|-----------------------|---|
| Plan name: | Alaska Plumbing and Pipefitting Industry Pension Plan |
| EIN: | 52-6103810 |
| PN: | 001 |
| SFA Amount Requested: | \$100,555,123 |

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|------------------|-----------------------------------|---|------------------|---------------|---|--------------------------|---|---|---|
| 21. | Section C, Item (10) | Does the application provide a table identifying and describing all assumptions and methods used in i) the pre-2021 certification of plan status, ii) the "Baseline" projection in Section C Item (5), and iii) the determination of the amount of SFA in Section C Item (4)? Does the table state if each changed assumption falls under Section III, Acceptable Assumption Changes, or Section IV, Generally Accepted Assumption Changes, in PBGC's SFA assumptions guidance, or if it should be considered an "Other Change"? Does the uploaded file use the required filenaming convention? | Yes No | Yes | Template 10 Alaska Plumbers _ Revised.xlsx | N/A | Document Type: SFA Determination | Financial assistance spreadsheet (template) | Template 10 Plan Name |
| 22. | Section D | Was the application signed and dated by an authorized trustee who is a current member of the board of trustees or another authorized representative of the plan sponsor and include the printed name and title of the signer? | Yes No | Yes | SFA App Alaska Plumbers _ Revised.pdf | | Identify here the name of the single document that includes all information requested in Section D of the SFA Filing Instructions (Checklist Items #22 through #29.c.). | Financial Assistance Application | SFA App Plan Name |
| 23.a. | | For a plan that is not a MPRA plan, does the application include an optional cover letter? Enter N/A if the plan is a MPRA plan, or if the plan is not a MPRA plan and did not include an optional cover letter. | Yes N/A | Yes | N/A - included as part of SFA App Plan Name | Page 1 | For each Checklist Item #22 through #29.c., identify the relevant page number(s) within the single document. | N/A | N/A - included as part of SFA App Plan Name |
| 23.b. | Section D, Item (1) | For a plan that is a MPRA plan, does the application include a cover letter? Does the cover letter identify the calculation method (basic method, increasing assets method, or present value method) that provides the greatest amount of SFA? For a MPRA plan with a partition, does the cover letter include a statement that the plan has been partitioned under section 4233 of ERISA? Enter N/A if the plan is not a MPRA plan. | Yes No N/A | N/A | N/A - included as part of SFA App Plan Name | | Not a MPRA Plan | N/A | N/A - included as part of SFA App Plan Name |
| 24. | Section D, Item (2) | Does the application include the name, address, email, and telephone number of the plan sponsor, plan sponsor's authorized representative, and any other authorized representatives? | Yes No | Yes | N/A - included as part of SFA App Plan Name | Page 2 | | N/A | N/A - included as part of SFA App Plan Name |
| 25. | Section D, Item (3) | Does the application identify the eligibility criteria in § 4262.3 that qualifies the plan as eligible to receive SFA, and include the requested information for each item that is applicable, as described in Section D, Item (3) of the SFA Filing Instructions? | Yes No | Yes | N/A - included as part of SFA App Plan Name | Page 3 | Eligible for SFA under Section 4262.3(a)(3) of PBGC's Final Rule | N/A | N/A - included as part of SFA App Plan Name |
| 26.a. | | If the plan's application is submitted on or before March 11, 2023, does the application identify the plan's priority group (see § 4262.10(d)(2))? Enter N/A if the plan's application is submitted after March 11, 2023. | Yes No N/A | N/A | N/A - included as part of SFA App Plan Name | | No priority group | N/A | N/A - included as part of SFA App Plan Name |
| 26.b. | Section D, Item (4) | If the plan is submitting an emergency application under § 4262.10(f), is the application identified as an emergency application with the applicable emergency criteria identified? Enter N/A if the plan is not submitting an emergency application. | Yes No N/A | N/A | N/A - included as part of SFA App Plan Name | | Not an emergency application | N/A | N/A - included as part of SFA App Plan Name |

Application to PBGC for Approval of Special Financial Assistance (SFA)
APPLICATION CHECKLIST

v20240717p

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|-----------------------|---|
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| EIN: | 52-6103810 |
| PN: | 001 |
| SFA Amount Requested: | \$100,555,123 |

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|------------------|-----------------------------------|---|------------------|---------------|---|--------------------------|---|---|---|
| 27. | Section D, Item (5) | Does the application include a detailed narrative description of the development of the assumed future contributions and assumed future withdrawal liability payments used in the basic method (and in the increasing assets method for a MPRA plan)? | Yes No | Yes | N/A - included as part of SFA App Plan Name | Pages 1-7 | | N/A | N/A - included as part of SFA App Plan Name |
| 28.a. | Section D, Item (6)a. | For plans eligible for SFA under § 4262.3(a)(1) or § 4262.3(a)(3), does the application identify which assumptions/methods (if any) used in showing the plan's eligibility for SFA differ from those used in the most recent certification of plan status completed before 1/1/2021? If there are any assumption/method changes, does the application include detailed explanations and supporting rationale and information as to why using the identified assumptions/methods is no longer reasonable and why the changed assumptions/methods are reasonable? Enter N/A if the plan is not eligible under § 4262.3(a)(1) or § 4262.3(a)(3). Enter N/A if there are no such assumption changes. | Yes No N/A | Yes | N/A - included as part of SFA App Plan Name | Pages 8-10 | | N/A | N/A - included as part of SFA App Plan Name |
| 28.b. | Section D, Item (6)b. | Does the application identify which assumptions/methods (if any) used to determine the requested SFA amount differ from those used in the most recent certification of plan status completed before 1/1/2021 (excluding the plan's non-SFA and SFA interest rates, which must be the same as the interest rates required by § 4262.4(e)(1) and (2))? If there are any assumption/method changes, does the application include detailed explanations and supporting rationale and information as to why using the identified original assumptions/methods is no longer reasonable and why the changed assumptions/methods are reasonable? Does the application state if the changed assumption is an extension of the CBU assumption or the administrative expenses assumption as described in Paragraph A "Adoption of assumptions not previously factored into pre-2021 certification of plan status" of Section III, Acceptable Assumption Changes of PBGC's SFA Assumptions? | Yes No | Yes | N/A - included as part of SFA App Plan Name | Pages 11-16 | | N/A | N/A - included as part of SFA App Plan Name |
| 28.c. | Section D, Item (6) | If the mortality assumption uses a plan-specific mortality table or a plan-specific adjustment to a standard mortality table (regardless of if the mortality assumption is changed or unchanged from that used in the most recent certification of plan status completed before 1/1/2021), is supporting information provided that documents the methodology used and the rationale for selection of the methodology used to develop the plan-specific rates, as well as detailed information showing the determination of plan credibility and plan experience? Enter N/A is the mortality assumption does not use a plan-specific mortality table or a plan-specific adjustment to a standard mortality table for eligibility or for determining the SFA amount. | Yes No N/A | N/A | N/A - included as part of SFA App Plan Name | | Plan does not use plan specific mortality. | N/A | N/A - included as part of SFA App Plan Name |
| 29.a. | Section D, Item (7) | Does the application include, for an eligible plan that implemented a suspension of benefits under section 305(e)(9) or section 4245(a) of ERISA, a narrative description of how the plan will reinstate the benefits that were previously suspended and a proposed schedule of payments (equal to the amount of benefits previously suspended) to participants and beneficiaries? Enter N/A for a plan that has not implemented a suspension of benefits. | Yes No N/A | N/A | N/A - included as part of SFA App Plan Name | | Plan has not implemented a suspension of benefits | N/A | N/A - included as part of SFA App Plan Name |

Application to PBGC for Approval of Special Financial Assistance (SFA)
APPLICATION CHECKLIST

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|------------------|-----------------------------------|---|------------------|---------------|--|--------------------------|--|---|---|
| 29.b. | Section D, Item (7) | If Yes was entered for Checklist Item #29.a., does the proposed schedule show the yearly aggregate amount and timing of such payments, and is it prepared assuming the effective date for reinstatement is the day after the SFA measurement date? Enter N/A for a plan that entered N/A for Checklist Item #29.a. | Yes No N/A | N/A | N/A - included as part of SFA App Plan Name | | Plan has not implemented a suspension of benefits | N/A | N/A - included as part of SFA App Plan Name |
| 29.c. | Section D, Item (7) | If the plan restored benefits under 26 CFR 1.432(e)(9)-1(e)(3) before the SFA measurement date, does the proposed schedule reflect the amount and timing of payments of restored benefits and the effect of the restoration on the benefits remaining to be reinstated? Enter N/A for a plan that did not restore benefits under 26 CFR 1.432(e)(9)-1(e)(3) before the SFA measurement date. Also enter N/A for a plan that entered N/A for Checklist Items #29.a. and #29.b. | Yes No N/A | N/A | N/A - included as part of SFA App Plan Name | | Plan has not implemented a suspension of benefits | N/A | N/A - included as part of SFA App Plan Name |
| 30.a. | Section E, Item (1) | Does the application include a fully completed Application Checklist, including the required information at the top of the Application Checklist (plan name, employer identification number (EIN), 3-digit plan number (PN), and SFA amount requested)? | Yes No | Yes | App Checklist Alaska Plumbers _ Revised.xlsx | N/A | | Special Financial Assistance Checklist | App Checklist Plan Name |
| 30.b. | Section E, Item (1) - Addendum A | If the plan is required to provide information required by Addendum A of the SFA Filing Instructions (for "certain events"), are the additional Checklist Items #40.a. through #49.b. completed? Enter N/A if the plan is not required to submit the additional information described in Addendum A. | Yes No N/A | N/A | N/A | N/A | Plan not required to submit additional information in Addendum A | Special Financial Assistance Checklist | N/A |
| 31. | Section E, Item (2) | If the plan claims SFA eligibility under § 4262.3(a)(1) of PBGC's SFA regulation based on a certification by the plan's enrolled actuary of plan status for SFA eligibility purposes completed on or after January 1, 2021, does the application include: (i) plan actuary's certification of plan status for SFA eligibility purposes for the specified year (and, if applicable, for each plan year after the plan year for which the pre-2021 zone certification was prepared and for the plan year immediately prior to the specified year)? (ii) for each certification in (i) above, does the application include all details and additional information described in Section B, Item (5) of the SFA Filing Instructions, including clear documentation of all assumptions, methods and census data used? (iii) for each certification in (i) above, does the application identify all assumptions and methods that are different from those used in the pre-2021 zone certification? Does the certification by the plan's enrolled actuary include clear indication of all assumptions and methods used including source of and date of participant data, measurement date, and a statement that the actuary is qualified to render the actuarial opinion? If the plan does not claim SFA eligibility under § 4262.3(a)(1) or claims SFA eligibility under § 4262.3(a)(1) using a zone certification completed before January 1, 2021, enter N/A. Is the information for this Checklist Item #31 contained in a single document and uploaded using the required filenaming convention? | Yes No N/A | N/A | | N/A | Plan does not claim eligibility under 4262.3(a)(1) | Financial Assistance Application | SFA Elig Cert CD Plan Name |

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|------------------|-----------------------------------|--|------------------|---------------|---|--------------------------|---------------|---|---|
| 32.a. | Section E, Item (3) | <p>If the plan claims SFA eligibility under § 4262.3(a)(3) of PBGC's SFA regulation based on a certification by the plan's enrolled actuary of plan status for SFA eligibility purposes completed on or after January 1, 2021, does the application include:</p> <p>(i) plan actuary's certification of plan status for SFA eligibility purposes for the specified year (and, if applicable, for each plan year after the plan year for which the pre-2021 zone certification was prepared and for the plan year immediately prior to the specified year)?</p> <p>(ii) for each certification in (i) above, does the application include all details and additional information described in Section B, Item (5) of the SFA Filing Instructions, including clear documentation of all assumptions, methods and census data used?</p> <p>(iii) for each certification in (i) above, does the application identify all assumptions and methods that are different from those used in the pre-2021 zone certification?</p> <p>Does the certification by the plan's enrolled actuary include clear indication of all assumptions and methods used including source of and date of participant data, measurement date, and a statement that the actuary is qualified to render the actuarial opinion?</p> <p>If the plan does not claim SFA eligibility under § 4262.3(a)(3) or claims SFA eligibility under § 4262.3(a)(3) using a zone certification completed before January 1, 2021, enter N/A.</p> <p>Is the information for Checklist Items #32.a. and #32.b. contained in a single document and uploaded using the required filenaming convention?</p> | | Yes | SFA Elig Cert C Alaska Plumbers _ Revised.pdf | N/A | | Financial Assistance Application | SFA Elig Cert C Plan Name |
| 32.b. | Section E, Item (3) | <p>If the plan claims SFA eligibility under § 4262.3(a)(3) of PBGC's SFA regulation, does the application include a certification from the plan's enrolled actuary that the plan qualifies for SFA based on the applicable certification of plan status for SFA eligibility purposes for the specified year, and by meeting the other requirements of § 4262.3(c) of PBGC's SFA regulation. Does the provided certification include:</p> <p>(i) identification of the specified year for each component of eligibility (certification of plan status for SFA eligibility purposes, modified funding percentage, and participant ratio)</p> <p>(ii) derivation of the modified funded percentage</p> <p>(iii) derivation of the participant ratio</p> <p>Does the certification identify what test(s) under section 305(b)(2) of ERISA is met for the specified year listed above?</p> <p>Does the certification identify all assumptions and methods (including supporting rationale, and where applicable, reliance on the plan sponsor) used to develop the withdrawal liability receivable that is utilized in the calculation of the modified funded percentage?</p> <p>Enter N/A if the plan does not claim SFA eligibility under §4262.3(a)(3).</p> <p>Is the information for Checklist Items #32.a. and #32.b. contained in a single document and uploaded using the required filenaming convention?</p> | Yes No N/A | Yes | N/A - included with SFA Elig Cert C Plan Name | N/A | | Financial Assistance Application | N/A - included in SFA Elig Cert C Plan Name |

Application to PBGC for Approval of Special Financial Assistance (SFA)
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|------------------|-----------------------------------|--|------------------|---------------|---|--------------------------|---|---|---|
| 33. | Section E, Item (4) | <p>If the plan's application is submitted on or prior to March 11, 2023, does the application include a certification from the plan's enrolled actuary that the plan is eligible for priority status, with specific identification of the applicable priority group?</p> <p>This item is not required (enter N/A) if the plan is insolvent, has implemented a MPRA suspension as of 3/11/2021, is in critical and declining status and had 350,000+ participants, or is listed on PBGC's website at www.pbgc.gov as being in priority group 6. See § 4262.10(d).</p> <p>Does the certification by the plan's enrolled actuary include clear indication of all assumptions and methods used including source of and date of participant data, measurement date, and a statement that the actuary is qualified to render the actuarial opinion?</p> <p>Is the filename uploaded using the required filenaming convention?</p> | Yes No N/A | N/A | | N/A | Application not submitted on or prior to March 11, 2023 | Financial Assistance Application | PG Cert Plan Name |
| 34.a. | Section E, Item (5) | <p>Does the application include the certification by the plan's enrolled actuary that the requested amount of SFA is the amount to which the plan is entitled under section 4262(j)(1) of ERISA and § 4262.4 of PBGC's SFA regulation? Does this certification include:</p> <p>(i) plan actuary's certification that identifies the requested amount of SFA and certifies that this is the amount to which the plan is entitled?</p> <p>(ii) clear indication of all assumptions and methods used including source of and date of participant data, measurement date, and a statement that the actuary is qualified to render the actuarial opinion?</p> <p>(iii) the count of participants (provided separately, after reflection of the death audit results in Section B(9), for current retirees and beneficiaries, current terminated vested participants not yet in pay status, and current active participants) as of the participant census date?</p> <p>Is the information in Checklist #34.a. combined with #34.b. (if applicable) as a single document, and uploaded using the required filenaming convention?</p> | Yes No | Yes | x | N/A | | Financial Assistance Application | SFA Amount Cert Plan Name |
| 34.b. | | <p>If the plan is a MPRA plan, does the certification by the plan's enrolled actuary identify the amount of SFA determined under the basic method described in § 4262.4(a)(1) and the amount determined under the increasing assets method in § 4262.4(a)(2)(i)?</p> <p>If the amount of SFA determined under the "present value method" described in § 4262.4(a)(2)(ii) is not the greatest amount of SFA under § 4262.4(a)(2), does the certification state as such?</p> <p>If the amount of SFA determined under the "present value method" described in § 4262.4(a)(2)(ii) is the greatest amount of SFA under § 4262.4(a)(2), does the certification identify that amount?</p> <p>Enter N/A if the plan is not a MPRA plan.</p> | Yes No N/A | N/A | N/A - included with SFA Amount Cert Plan Name | N/A | Not a MPRA Plan | N/A - included in SFA Amount Cert Plan Name | N/A - included in SFA Amount Cert Plan Name |

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|------------------|-----------------------------------|---|------------------|---------------|--|--------------------------|--|---|--------------------------------|
| 35. | Section E, Item (6) | Does the application include the plan sponsor's identification of the amount of fair market value of assets at the SFA measurement date and certification that this amount is accurate? Does the application also include: (i) information that substantiates the asset value and how it was developed (e.g., trust or account statements, specific details of any adjustments)? (ii) a reconciliation of the fair market value of assets from the date of the most recent audited plan financial statements to the SFA measurement date (showing beginning and ending fair market value of assets for this period as well as the following items for the period: contributions, withdrawal liability payments, benefits paid, administrative expenses, and investment income)? (iii) if the SFA measurement date is the end of a plan year for which the audited plan financial statements have been issued, does the application include a reconciliation schedule showing adjustments, if any, made to the audited fair market value of assets used to determine the SFA amount? With the exception of account statements and financial statements already provided as Checklist Items #8 and #9, is all information contained in a single document that is uploaded using the required filenaming convention? | Yes No | Yes | FMV Cert Alaska Plumbers.pdf | N/A | Previously filed as part of application submitted July 25, 2024. | Financial Assistance Application | FMV Cert Plan Name |
| 36. | Section E, Item (7) | Does the application include a copy of the executed plan amendment required by § 4262.6(e)(1) of PBGC's SFA regulation which (i) is signed by authorized trustee(s) of the plan and (ii) includes the plan compliance language in Section E, Item (7) of the SFA Filing Instructions? | Yes No | Yes | Compliance Amendment Alaska Plumbers.pdf | N/A | Previously filed as part of application submitted July 25, 2024. | Pension plan documents, all versions available, and all amendments signed and dated | Compliance Amend Plan Name |
| 37. | Section E, Item (8) | In the case of a plan that suspended benefits under section 305(e)(9) or section 4245 of ERISA, does the application include: (i) a copy of the proposed plan amendment(s) required by § 4262.6(e)(2) to reinstate suspended benefits and pay make-up payments? (ii) a certification by the plan sponsor that the proposed plan amendment(s) will be timely adopted? Is the certification signed by either all members of the plan's board of trustees or by one or more trustees duly authorized to sign the certification on behalf of the entire board (including, if applicable, documentation that substantiates the authorization of the signing trustees)? Enter N/A if the plan has not suspended benefits. Is all information included in a single document that is uploaded using the required filenaming convention? | Yes No N/A | N/A | | N/A | Plan has not implemented a suspension of benefits | Pension plan documents, all versions available, and all amendments signed and dated | Reinstatement Amend Plan Name |
| 38. | Section E, Item (9) | In the case of a plan that was partitioned under section 4233 of ERISA, does the application include a copy of the executed plan amendment required by § 4262.9(c)(2)? Enter N/A if the plan was not partitioned. Is the document uploaded using the required filenaming convention? | Yes No N/A | N/A | | N/A | Plan was not partitioned | Pension plan documents, all versions available, and all amendments signed and dated | Partition Amend Plan Name |

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| Plan name: | Alaska Plumbing and Pipefitting Industry Pension Plan |
| EIN: | 52-6103810 |
| PN: | 001 |
| SFA Amount Requested: | \$100,555,123 |

Do NOT use this Application Checklist for a supplemented application. Instead use Application Checklist - Supplemented.

-----Filers provide responses here for each Checklist Item:-----

Unless otherwise specified:
YYYY = plan year
Plan Name = abbreviated plan name

Explain all N/A responses. Provide comments where noted. Also add any other optional explanatory comments.

Your application will be considered incomplete if No is entered as a Plan Response for any of Checklist Items #1 through #39. In addition, if required to provide information due to a "certain event" (see Addendum A of the

| Checklist Item # | SFA Filing Instructions Reference | | Response Options | Plan Response | Name of File(s) Uploaded | Page Number Reference(s) | Plan Comments | In the e-Filing Portal, upload as Document Type | Use this Filenaming Convention |
|---|--|--|------------------|---------------|---|--------------------------|---------------|--|---|
| 39. | Section E, Item (10) | Does the application include one or more copies of the penalties of perjury statement (see Section E, Item (10) of the SFA Filing Instructions) that (a) are signed by an authorized trustee who is a current member of the board of trustees, and (b) includes the trustee's printed name and title. Is all such information included in a single document and uploaded using the required filenaming convention? | Yes No | Yes | Penalty Alaska Plumbers _ Revised.pdf | N/A | | Financial Assistance Application | Penalty Plan Name |
| Additional Information for Certain Events under § 4262.4(f) - Applicable to Any Events in § 4262.4(f)(2) through (f)(4) and Any Mergers in § 4262.4(f)(1)(ii) | | | | | | | | | |
| NOTE: If the plan is not required to provided information described in Addendum A of the SFA Filing Instructions, the Plan Response should be left blank for the remaining Checklist Items. | | | | | | | | | |
| 40.a. | Addendum A for Certain Events Section C, Item (4) | Does the application include an additional version of Checklist Item #16.a. (also including Checklist Items #16.c., #16.d., and #16.e.), that shows the determination of the SFA amount using the basic method described in § 4262.4(a)(1) as if any events had not occurred? See Template 4A. | Yes No | | | N/A | | Projections for special financial assistance (estimated income, benefit payments and expenses) | For additional submission due to any event: <i>Template 4A Plan Name CE</i> . For an additional submission due to a merger, <i>Template 4A Plan Name Merged</i> , where "Plan Name Merged" is an abbreviated version of the plan name for the separate plan involved in the merger. |
| 40.b.i. | Addendum A for Certain Events Section C, Item (4) | If the plan is a MPRA plan for which the requested amount of SFA is based on the increasing assets method described in § 4262.4(a)(2)(i), does the application also include an additional version of Checklist Item #16.b.i. that shows the determination of the SFA amount using the increasing assets method as if any events had not occurred? See Template 4A, sheet 4A-5 SFA Details .5(a)(2)(i) . Enter N/A if the plan is not a MPRA Plan or if the plan is a MPRA plan for which the requested amount of SFA is based on the present value method. | Yes No N/A | | N/A - included as part of file in Checklist Item #40.a. | N/A | | N/A | N/A - included as part of file in Checklist Item #40.a. |
| 40.b.ii. | Addendum A for Certain Events Section C, Item (4) | If the plan is a MPRA plan for which the requested amount of SFA is based on the increasing assets method described in § 4262.4(a)(2)(i), does the application also include an additional version of Checklist Item #16.b.ii. that explicitly identifies the projected SFA exhaustion year based on the increasing assets method? See Template 4A, 4A-5 SFA Details .4(a)(2)(i) sheet and Addendum D. Enter N/A if the plan is not a MPRA Plan or if the plan is a MPRA plan for which the requested amount of SFA is based on the present value method. | Yes No N/A | | | N/A | | N/A | N/A - included as part of file in Checklist Item #40.a. |
| 40.b.iii. | Addendum A for Certain Events Section C, Item (4) | If the plan is a MPRA plan for which the requested amount of SFA is based on the present value method described in § 4262.4(a)(2)(ii), does the application also include an additional version of Checklist Item #16.b.iii. that shows the determination of the SFA amount using the present value method as if any events had not occurred? See Template 4B, sheet 4B-1 SFA Ben Pmts, sheet 4B-2 SFA Details .4(a)(2)(ii), and sheet 4B-3 SFA Exhaustion. Enter N/A if the plan is not a MPRA Plan or if the plan is a MPRA plan for which the requested amount of SFA is based on the increasing assets method. | Yes No N/A | | | N/A | | Projections for special financial assistance (estimated income, benefit payments and expenses) | For additional submission due to any event: <i>Template 4B Plan Name CE</i> . For an additional submission due to a merger, <i>Template 4B Plan Name Merged</i> , where "Plan Name Merged" is an abbreviated version of the plan name for the separate plan involved in the merger. |

Application to PBGC for Approval of Special Financial Assistance (SFA)
APPLICATION CHECKLIST

v20240717p

| | |
|-----------------------|---|
| Plan name: | Alaska Plumbing and Pipefitting Industry Pension Plan |
| EIN: | 52-6103810 |
| PN: | 001 |
| SFA Amount Requested: | \$100,555,123 |

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| Checklist Item # | SFA Filing Instructions Reference | | Response Options | Plan Response | Name of File(s) Uploaded | Page Number Reference(s) | Plan Comments | In the e-Filing Portal, upload as Document Type | Use this Filenaming Convention |
|------------------|---|--|------------------|---------------|---|--------------------------|---|--|--|
| 41. | Addendum A for Certain Events Section C, Item (4) | For any merger, does the application show the SFA determination for this plan <u>and for each plan merged into this plan</u> (each of these determined as if they were still separate plans)? See Template 4A for a non-MPRA plan using the basic method, and for a MPRA plan using the increasing assets method. See Template 4B for a MPRA Plan using the present value method. Enter N/A if the plan has not experienced a merger. | Yes No N/A | | | N/A | | Projections for special financial assistance (estimated income, benefit payments and expenses) | For an additional submission due to a merger, <i>Template 4A (or Template 4B) Plan Name Merged</i> , where "Plan Name Merged" is an abbreviated version of the plan name for the separate plan involved in the merger. |
| 42.a. | Addendum A for Certain Events Section D | Does the application include a narrative description of any event and any merger, including relevant supporting documents which may include plan amendments, collective bargaining agreements, actuarial certifications related to a transfer or merger, or other relevant materials? | Yes No | | N/A - included as part of SFA App Plan Name | | For each Checklist Item #42.a. through #45.b., identify the relevant page number(s) within the single document. | Financial Assistance Application | SFA App Plan Name |
| 42.b. | Addendum A for Certain Events Section D | For a transfer or merger event, does the application include identifying information for all plans involved including plan name, EIN and plan number, and the date of the transfer or merger? | Yes No | | N/A - included as part of SFA App Plan Name | | | Financial Assistance Application | N/A - included as part of SFA App Plan Name |
| 43.a. | Addendum A for Certain Events Section D | Does the narrative description in the application identify the amount of SFA reflecting any event, the amount of SFA determined as if the event had not occurred, and confirmation that the requested SFA is no greater than the amount that would have been determined if the event had not occurred, unless the event is a contribution rate reduction and such event lessens the risk of loss to plan participants and beneficiaries? | Yes No | | N/A - included as part of SFA App Plan Name | | | Financial Assistance Application | N/A - included as part of SFA App Plan Name |
| 43.b. | Addendum A for Certain Events Section D | For a merger, is the determination of SFA as if the event had not occurred equal to the sum of the amount that would be determined for this plan and each plan merged into this plan (each as if they were still separate plans)? Enter N/A if the event described in Checklist Item #42.a. was not a merger. | Yes No N/A | | N/A - included as part of SFA App Plan Name | | | Financial Assistance Application | N/A - included as part of SFA App Plan Name |
| 44.a. | Addendum A for Certain Events Section D | Does the application include an additional version of Checklist Item #25 that shows the determination of SFA eligibility as if any events had not occurred? | Yes No | | N/A - included as part of SFA App Plan Name | | | Financial Assistance Application | N/A - included as part of SFA App Plan Name |
| 44.b. | Addendum A for Certain Events Section D | For any merger, does this item include demonstrations of SFA eligibility for this plan and for each plan merged into this plan (each of these determined as if they were still separate plans)? Enter N/A if the event described in Checklist Item #42.a. was not a merger. | Yes No N/A | | N/A - included as part of SFA App Plan Name | | | Financial Assistance Application | N/A - included as part of SFA App Plan Name |

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v20240717p

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YYYY = plan year
Plan Name = abbreviated plan name

Explain all N/A responses. Provide comments where noted. Also add any other optional explanatory comments.

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|------------------|--|---|------------------|---------------|---|--------------------------|---------------|---|--|
| 45.a. | Addendum A for Certain Events Section D | If the event is a contribution rate reduction and the amount of requested SFA is not limited to the amount of SFA determined as if the event had not occurred, does the application include a detailed demonstration that shows that the event lessens the risk of loss to plan participants and beneficiaries? Enter N/A if the event is not a contribution rate reduction, or if the event is a contribution rate reduction but the requested SFA is limited to the amount of SFA determined as if the event had not occurred. | Yes No N/A | | N/A - included as part of SFA App Plan Name | | | Financial Assistance Application | N/A - included as part of SFA App Plan Name |
| 45.b. | Addendum A for Certain Events Section D | Does the demonstration in Checklist Item #45.a. also identify all assumptions used, supporting rationale for the assumptions and other relevant information? Enter N/A if the plan entered N/A for Checklist Item #45.a. | Yes No N/A | | N/A - included as part of SFA App Plan Name | | | Financial Assistance Application | N/A - included as part of SFA App Plan Name |
| 46.a. | Addendum A for Certain Events Section E, Items (2) and (3) | Does the application include an additional certification from the plan's enrolled actuary with respect to the plan's SFA eligibility but with eligibility determined as if any events had not occurred? This should be in the format of Checklist Item #31 if the SFA eligibility is based on the plan status of critical and declining using a zone certification completed on or after January 1, 2021. This should be in the format of Checklist Items #32.a. and #32.b. if the SFA eligibility is based on the plan status of critical using a zone certification completed on or after January 1, 2021. If the above SFA eligibility is not based on § 4262.3(a)(1) or § 4262.3(a)(3) or is based on a zone certification completed prior to January 1, 2021, enter N/A. Is all relevant information contained in a single document and uploaded using the required filenaming convention? | Yes No N/A | | | N/A | | Financial Assistance Application | SFA Elig Cert Plan Name CE |
| 46.b. | Addendum A for Certain Events Section E, Items (2) and (3) | For any merger, does the application include additional certifications of the SFA eligibility for this plan and for each plan merged into this plan (each of these determined as if they were still separate plans)? If the above SFA eligibility is not based on § 4262.3(a)(1) or § 4262.3(a)(3) or is based on a zone certification completed prior to January 1, 2021, enter N/A. Enter N/A if the event described in Checklist Item #42.a. was not a merger. | Yes No N/A | | | N/A | | Financial Assistance Application | SFA Elig Cert Plan Name Merged CE "Plan Name Merged" is an abbreviated version of the plan name for the separate plan involved in the merger. |
| 47.a. | Addendum A for Certain Events Section E, Item (5) | Does the application include an additional certification from the plan's enrolled actuary with respect to the plan's SFA amount (in the format of Checklist Item #34.a.), but with the SFA amount determined as if any events had not occurred? | Yes No | | | N/A | | Financial Assistance Application | SFA Amount Cert Plan Name CE |

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|------------------|---|---|------------------|---------------|--|--------------------------|---------------|---|--|
| 47.b. | Addendum A for Certain Events Section E, Item (5) | If the plan is a MPRA plan, does the certification in Checklist Item #46.a. identify the amount of SFA determined under the basic method described in § 4262.4(a)(1) and the amount determined under the increasing assets method in § 4262.4(a)(2)(i)? If the amount of SFA determined under the "present value method" described in § 4262.4(a)(2)(ii) is not the greatest amount of SFA under § 4262.4(a)(2), does the certification state as such? If the amount of SFA determined under the "present value method" described in § 4262.4(a)(2)(ii) is the greatest amount of SFA under § 4262.4(a)(2), does the certification identify that amount? Enter N/A if the plan is not a MPRA plan. | Yes No N/A | | N/A - included in SFA Amount Cert Plan Name CE | N/A | | N/A - included in SFA Amount Cert Plan Name | N/A - included in SFA Amount Cert Plan Name CE |
| 47.c. | Addendum A for Certain Events Section E, Item (5) | Does the certification in Checklist Items #47.a. and #47.b. (if applicable) clearly identify all assumptions and methods used, sources of participant data and census data, and other relevant information? | Yes No | | N/A - included in SFA Amount Cert Plan Name CE | N/A | | N/A - included in SFA Amount Cert Plan Name | N/A - included in SFA Amount Cert Plan Name CE |
| 48.a. | Addendum A for Certain Events Section E, Item (5) | For any merger, does the application include additional certifications of the SFA amount determined for this plan and for each plan merged into this plan (each of these determined as if they were still separate plans) ? Enter N/A if the event described in Checklist Item #42.a. was not a merger. | Yes No N/A | | | N/A | | Financial Assistance Application | SFA Amount Cert Plan Name Merged CE "Plan Name Merged" is an abbreviated version of the plan name for the separate plan involved in the merger. |
| 48.b. | Addendum A for Certain Events Section E, Item (5) | For any merger, do the certifications clearly identify all assumptions and methods used, sources of participant data and census data, and other relevant information? Enter N/A if the event described in Checklist Item #42.a. was not a merger. | Yes No N/A | | N/A - included in SFA Amount Cert Plan Name CE | N/A | | N/A - included in SFA Amount Cert Plan Name CE | N/A - included in SFA Amount Cert Plan Name CE |
| 49.a. | Addendum A for Certain Events Section E | If the event is a contribution rate reduction and the amount of requested SFA is not limited to the amount of SFA determined as if the event had not occurred, does the application include a certification from the plan's enrolled actuary (or, if appropriate, from the plan sponsor) with respect to the demonstration to support a finding that the event lessens the risk of loss to plan participants and beneficiaries? Enter N/A if the event is not a contribution rate reduction, or if the event is a contribution rate reduction but the requested SFA is limited to the amount of SFA determined as if the event had not occurred. | Yes No N/A | | | N/A | | Financial Assistance Application | Cont Rate Cert Plan Name CE |
| 49.b. | Addendum A for Certain Events Section E | Does the demonstration in Checklist Item #48.a. also identify all assumptions used, supporting rationale for the assumptions and other relevant information? Enter N/A if the event is not a contribution rate reduction, or if the event is a contribution rate reduction but the requested SFA is limited to the amount of SFA determined as if the event had not occurred. | Yes No N/A | | N/A - included in Cont Rate Cert Plan Name CE | N/A | | N/A - included in Cont Rate Cert Plan Name CE | N/A - included in Cont Rate Cert Plan Name CE |

Application to PBGC for Approval of Special Financial Assistance (SFA)
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v20240717p

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|------------------|-----------------------------------|------------------|---------------|--------------------------|--------------------------|---------------|---|--------------------------------|
|------------------|-----------------------------------|------------------|---------------|--------------------------|--------------------------|---------------|---|--------------------------------|

Additional Information for Certain Events under § 4262.4(f) - Applicable Only to Any Mergers in § 4262.4(f)(1)(ii)

Plans that have experienced mergers identified in § 4262.4(f)(1)(ii) must complete Checklist Items #50 through #63. If you are required to complete Checklist Items #50 through #63, your application will be considered incomplete if No is entered as a Plan Response for any of Checklist Items #50 through #63. All other plans should not provide any responses for Checklist Items #50 through #63.

| | | | | | | | | | |
|-----|---|---|------------------|--|--|-----|---|---|---|
| 50. | Addendum A for Certain Events Section B, Item (1)a. | In addition to the information provided with Checklist Item #1, does the application also include similar plan documents and amendments for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii)? | Yes No | | | N/A | | Pension plan documents, all versions available, and all amendments signed and dated | N/A |
| 51. | Addendum A for Certain Events Section B, Item (1)b. | In addition to the information provided with Checklist Item #2, does the application also include similar trust agreements and amendments for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii)? | Yes No | | | N/A | | Pension plan documents, all versions available, and all amendments signed and dated | N/A |
| 52. | Addendum A for Certain Events Section B, Item (1)c. | In addition to the information provided with Checklist Item #3, does the application also include the most recent IRS determination for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii)? Enter N/A if the plan does not have a determination letter. | Yes No N/A | | | N/A | | Pension plan documents, all versions available, and all amendments signed and dated | N/A |
| 53. | Addendum A for Certain Events Section B, Item (2) | In addition to the information provided with Checklist Item #4, for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii), does the application include the actuarial valuation report for the 2018 plan year and each subsequent actuarial valuation report completed before the application filing date? | Yes No | | | N/A | Identify here how many reports are provided. | Most recent actuarial valuation for the plan | YYYYAVR Plan Name Merged, where "Plan Name Merged" is abbreviated version of the plan name for the plan merged into this plan. |
| 54. | Addendum A for Certain Events Section B, Item (3) | In addition to the information provided with Checklist Items #5.a. and #5.b., does the application include similar rehabilitation plan information for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii)? | Yes No | | | N/A | | Rehabilitation plan (or funding improvement plan, if applicable) | N/A |
| 55. | Addendum A for Certain Events Section B, Item (4) | In addition to the information provided with Checklist Item #6, does the application include similar Form 5500 information for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii)? | Yes No | | | N/A | | Latest annual return/report of employee benefit plan (Form 5500) | YYYYForm5500 Plan Name Merged, "Plan Name Merged" is abbreviated version of the plan name for the plan merged into this plan. |
| 56. | Addendum A for Certain Events Section B, Item (5) | In addition to the information provided with Checklist Items #7.a., #7.b., and #7.c., does the application include similar certifications of plan status for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii)? | Yes No | | | N/A | Identify how many zone certifications are provided. | Zone certification | YYYYZoneYYYYMMDD Plan Name Merged, where the first "YYYY" is the applicable plan year, and "YYYYMMDD" is the date the certification was prepared. "Plan Name Merged" is an abbreviated version of the plan name for the plan merged into this plan. |

**Application to PBGC for Approval of Special Financial Assistance (SFA)
APPLICATION CHECKLIST**

v20240717p

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|------------------|---|--|------------------|---------------|--------------------------|--------------------------|---------------|---|---|
| 57. | Addendum A for Certain Events Section B, Item (6) | In addition to the information provided with Checklist Item #8, does the application include the most recent cash and investment account statements for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii)? | Yes No | | | N/A | | Bank/Asset statements for all cash and investment accounts | N/A |
| 58. | Addendum A for Certain Events Section B, Item (7) | In addition to the information provided with Checklist Item #9, does the application include the most recent plan financial statement (audited, or unaudited if audited is not available) for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii)? | Yes No | | | N/A | | Plan's most recent financial statement (audited, or unaudited if audited not available) | N/A |
| 59. | Addendum A for Certain Events Section B, Item (8) | In addition to the information provided with Checklist Item #10, does the application include all of the written policies and procedures governing the plan's determination, assessment, collection, settlement, and payment of withdrawal liability for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii)? Are all such items included in a single document using the required filenaming convention? | Yes No | | | N/A | | Pension plan documents, all versions available, and all amendments signed and dated | <i>WDL Plan Name Merged</i> , where "Plan Name Merged" is an abbreviated version of the plan name for the plan merged into this plan. |
| 60. | Addendum A for Certain Events Section B, Item (9) | In addition to the information provided with Checklist Item #11, does the application include documentation of a death audit (with the information described in Checklist Item #11) for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii)? | Yes No | | | | | Pension plan documents, all versions available, and all amendments signed and dated | <i>Death Audit Plan Name Merged</i> , where "Plan Name Merged" is an abbreviated version of the plan name for the plan merged into this plan. |
| 61. | Addendum A for Certain Events Section C, Item (1) | In addition to the information provided with Checklist Item #13, does the application include the same information in the format of Template 1 for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii)? Enter N/A if each plan that fully merged into this plan is not required to respond Yes to line 8b(1) on the most recently filed Form 5500 Schedule MB. | Yes No N/A | | | | | Financial assistance spreadsheet (template) | <i>Template 1 Plan Name Merged</i> , where "Plan Name Merged" is an abbreviated version of the plan name for the plan merged into this plan. |
| 62. | Addendum A for Certain Events Section C, Item (2) | In addition to the information provided with Checklist Item #14, does the application include the same information in the format of Template 2 (if required based on the participant threshold) for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)(ii)? Enter N/A if each plan that merged into this plan has less than 10,000 participants on line 6f of the most recently filed Form 5500. | Yes No N/A | | | | | Contributing employers | <i>Template 2 Plan Name Merged</i> , where "Plan Name Merged" is an abbreviated version of the plan name for the plan merged into this plan. |
| 63. | Addendum A for Certain Events Section C, Item (3) | In addition to the information provided with Checklist Item #15, does the application include similar information in the format of Template 3 for each plan that merged into this plan due to a merger described in § 4262.4(f)(1)? | Yes No | | | | | Historical Plan Financial Information (CBUs, contribution rates, contribution amounts, withdrawal liability payments) | <i>Template 3 Plan Name Merged</i> , where "Plan Name Merged" is an abbreviated version of the plan name for the plan merged into this plan. |



1455 SW Broadway
Suite 1600
Portland, OR 97201
USA

Tel+1 503 227 0634
milliman.com

Invoice

| | |
|-----------------|-------------------|
| Amount Due: | \$15,816.35 |
| Invoice Number: | 88AKP010224 |
| Invoice Date: | February 28, 2024 |

BeneSys Inc
Attention: Lee Centrone
5331 S Macadam Ave, Suite 258
Portland, OR 97239

Via Email: Lee.Centrone@benesys.com

Services through the month of January 2024

Alaska Plumbing & Pipefitting Industry Pension Fund

| | <u>Amount</u> |
|-----------------------------------|---------------|
| Withdrawal Liability Estimates | \$ 9,797.60 |
| Administrative Transition Support | 486.25 |
| Funding Projections | 212.50 |
| SFA Application | 280.00 |
| Participant Meetings | 5,040.00 |

TOTAL AMOUNT DUE: \$ 15,816.35

PLEASE REMIT PAYMENT TO:

| | |
|---|------------------------|
| Via ACH: | Via Check: |
| Wells Fargo Bank, N.A | Milliman |
| 420 Montgomery St. | PO Box 75553 |
| San Francisco, CA | Chicago, IL 60675-5553 |
| ABA# 121000248 | |
| A/C # [REDACTED] | EIN: 91-0675641 |
| Please send remittance info to: AR@Milliman.com | |

We appreciate the opportunity to serve you



1455 SW Broadway
Suite 1600
Portland, OR 97201
USA

Tel+1 503 227 0634
milliman.com

Invoice

| | |
|-----------------|----------------|
| Amount Due: | \$32,747.99 |
| Invoice Number: | 88AKP010324 |
| Invoice Date: | March 29, 2024 |

BeneSys Inc
Attention: Lee Centrone
5331 S Macadam Ave, Suite 258
Portland, OR 97239

Via Email: Lee.Centrone@benesys.com

Services through the month of February 2024

Alaska Plumbing & Pipefitting Industry Pension Fund

| | <u>Amount</u> |
|-----------------------------------|---------------|
| Fixed Fee (1st Quarter 2024) | \$ 16,250.00 |
| Funding Projections | 2,610.00 |
| Administrative Transition Support | 352.50 |
| Withdrawal Liability Estimates | 10,212.95 |
| Rehabilitation Plan Consulting | 140.00 |
| SFA Application | 1,537.50 |
| Travel Expenses | 1,645.04 |

| | |
|--------------------------|---------------------|
| TOTAL AMOUNT DUE: | \$ 32,747.99 |
|--------------------------|---------------------|

PLEASE REMIT PAYMENT TO:

| | |
|-----------------------|------------------------|
| Via ACH: | Via Check: |
| Wells Fargo Bank, N.A | Milliman |
| 420 Montgomery St. | PO Box 75553 |
| San Francisco, CA | Chicago, IL 60675-5553 |
| ABA# 121000248 | |
| A/C # [REDACTED] | EIN: 91-0675641 |

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1455 SW Broadway
Suite 1600
Portland, OR 97201
USA

Tel+1 503 227 0634
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Invoice

| | |
|-----------------|---------------|
| Amount Due: | \$27,952.10 |
| Invoice Number: | 088AKP010624 |
| Invoice Date: | June 27, 2024 |

BeneSys Inc
Attention: Lee Centrone
5331 S Macadam Ave, Suite 258
Portland, OR 97239

Via Email: Lee.Centrone@benesys.com

Services through the month of May 2024

Alaska Plumbing & Pipefitting Industry Pension Fund

| | <u>Amount</u> |
|---|---------------|
| Fixed Fee (Second Quarter of 2024) | \$ 16,250.00 |
| SFA Application and Funding Projections | 10,444.60 |
| Benefit Calculations and QDROs | 557.50 |
| Withdrawal Liability | 700.00 |

TOTAL AMOUNT DUE: **\$ 27,952.10**

PLEASE REMIT PAYMENT TO:

| | |
|---|------------------------|
| Via ACH: | Via Check: |
| Wells Fargo Bank, N.A | Milliman |
| 420 Montgomery St. | PO Box 75553 |
| San Francisco, CA | Chicago, IL 60675-5553 |
| ABA# 121000248 | |
| A/C # [REDACTED] | EIN: 91-0675641 |
| Please send remittance info to: AR@Milliman.com | |

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1455 SW Broadway
Suite 1600
Portland, OR 97201
USA

Tel+1 503 227 0634
milliman.com

Invoice

| | |
|-----------------|----------------|
| Amount Due: | \$5,998.50 |
| Invoice Number: | 088AKP010724 |
| Invoice Date: | August 5, 2024 |

BeneSys Inc
Attention: Lee Centrone
5331 S Macadam Ave, Suite 258
Portland, OR 97239

Via Email: Lee.Centrone@benesys.com

Services through the month of June 2024

Alaska Plumbing & Pipefitting Industry Pension Fund

| | <u>Amount</u> |
|--------------------------|----------------------------------|
| SFA Application | \$ 5,998.50 |
| TOTAL AMOUNT DUE: | <u><u>\$ 5,998.50</u></u> |

PLEASE REMIT PAYMENT TO:

| | |
|--|------------------------|
| Via ACH: | Via Check: |
| Wells Fargo Bank, N.A | Milliman |
| 420 Montgomery St. | PO Box 75553 |
| San Francisco, CA | Chicago, IL 60675-5553 |
| ABA# 121000248 | |
| A/C # [REDACTED] | EIN: 91-0675641 |
| Please send remittance info to: AR@Milliman.com | |

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1455 SW Broadway
Suite 1600
Portland, OR 97201
USA

Tel+1 503 227 0634
milliman.com

Invoice

| | |
|-----------------|-------------------|
| Amount Due: | \$46,093.95 |
| Invoice Number: | 88AKP010824 |
| Invoice Date: | September 3, 2024 |

BeneSys Inc
Attention: Lee Centrone
5331 S Macadam Ave, Suite 258
Portland, OR 97239

Via Email: Lee.Centrone@benesys.com

Services through the month of July 2024

Alaska Plumbing & Pipefitting Industry Pension Fund

| | <u>Amount</u> |
|--------------------------|---------------------|
| SFA Application | \$ 45,115.20 |
| Benefit Calculations | 278.75 |
| Withdrawal Liability | 700.00 |
| TOTAL AMOUNT DUE: | \$ 46,093.95 |

PLEASE REMIT PAYMENT TO:

| | |
|---|------------------------|
| Via ACH: | Via Check: |
| Wells Fargo Bank, N.A | Milliman |
| 420 Montgomery St. | PO Box 75553 |
| San Francisco, CA | Chicago, IL 60675-5553 |
| ABA# 121000248 | |
| A/C # [REDACTED] | EIN: 91-0675641 |
| Please send remittance info to: AR@Milliman.com | |

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1455 SW Broadway
Suite 1600
Portland, OR 97201
USA

Tel+1 503 227 0634
milliman.com

Invoice

| | |
|-----------------|--------------------|
| Amount Due: | \$17,268.75 |
| Invoice Number: | 088AKP010924 |
| Invoice Date: | September 26, 2024 |

BeneSys Inc
Attention: Lee Centrone
5331 S Macadam Ave, Suite 258
Portland, OR 97239

Via Email: Lee.Centrone@benesys.com

Services through the month of August 2024

Alaska Plumbing & Pipefitting Industry Pension Fund

| | <u>Amount</u> |
|--------------------------|---------------------|
| Fixed Fee (3rd Quarter) | \$ 16,250.00 |
| SFA Application | 1,018.75 |
| TOTAL AMOUNT DUE: | \$ 17,268.75 |

PLEASE REMIT PAYMENT TO:

| | |
|---|------------------------|
| Via ACH: | Via Check: |
| Wells Fargo Bank, N.A | Milliman |
| 420 Montgomery St. | PO Box 75553 |
| San Francisco, CA | Chicago, IL 60675-5553 |
| ABA# 121000248 | |
| A/C # [REDACTED] | EIN: 91-0675641 |
| Please send remittance info to: AR@Milliman.com | |

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1455 SW Broadway
Suite 1600
Portland, OR 97201
USA

Tel+1 503 227 0634
milliman.com

Invoice

| | |
|-----------------|------------------|
| Amount Due: | \$10,237.55 |
| Invoice Number: | 88AKP011024 |
| Invoice Date: | October 29, 2024 |

BeneSys Inc
Attention: Lee Centrone
5331 S Macadam Ave, Suite 258
Portland, OR 97239

Via Email: Lee.Centrone@benesys.com

Services through the month of September 2024

Alaska Plumbing & Pipefitting Industry Pension Fund

| | <u>Amount</u> |
|--------------------------|---------------------|
| SFA Application | \$ 10,237.55 |
| TOTAL AMOUNT DUE: | \$ 10,237.55 |

PLEASE REMIT PAYMENT TO:

| | |
|--|------------------------|
| Via ACH: | Via Check: |
| Wells Fargo Bank, N.A | Milliman |
| 420 Montgomery St. | PO Box 75553 |
| San Francisco, CA | Chicago, IL 60675-5553 |
| ABA# 121000248 | |
| A/C # [REDACTED] | EIN: 91-0675641 |
| Please send remittance info to: AR@Milliman.com | |

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1455 SW Broadway
Suite 1600
Portland, OR 97201
USA

Tel+1 503 227 0634
milliman.com

Invoice

| | |
|-----------------|-------------------|
| Amount Due: | \$12,697.08 |
| Invoice Number: | 88AKP011124 |
| Invoice Date: | November 20, 2024 |

BeneSys Inc
Attention: Lee Centrone
5331 S Macadam Ave, Suite 258
Portland, OR 97239

Via Email: Lee.Centrone@benesys.com

Services through the month of October 2024

Alaska Plumbing & Pipefitting Industry Pension Fund

| | <u>Amount</u> |
|--------------------------|---------------------|
| SFA Application | \$ 8,608.75 |
| Funding Projections | 3,474.95 |
| Travel Expenses | 613.38 |
| TOTAL AMOUNT DUE: | \$ 12,697.08 |

PLEASE REMIT PAYMENT TO:

| | |
|---|------------------------|
| Via ACH: | Via Check: |
| Wells Fargo Bank, N.A. | Milliman |
| 420 Montgomery St. | PO Box 75553 |
| San Francisco, CA | Chicago, IL 60675-5553 |
| ABA# 121000248 | |
| A/C # [REDACTED] | EIN: 91-0675641 |
| Please send remittance info to: AR@Milliman.com | |

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TEMPLATE 4A

v20221102p

SFA Determination - under the "basic method" for all plans, and under the "increasing assets method" for MPRA plans

File name: *Template 4A Plan Name*, where "Plan Name" is an abbreviated version of the plan name.

If submitting additional information due to a merger under § 4262.4(f)(1)(ii): *Template 4A Plan Name Merged*, where "Plan Name Merged" is an abbreviated version of the plan name for the separate plan involved in the merger.

If submitting additional information due to certain events with limitations under § 4262.4(f)(1)(i): *Template 4A Plan Name Add*, where "Plan Name" is an abbreviated version of the plan name.

If submitting a supplemented application under § 4262.4(g)(6): *Template 4A Supp Plan Name*, where "Plan Name" is an abbreviated version of the plan name.

Instructions for Section C, Item (4) of the Instructions for Filing Requirements for Multiemployer Plans Applying for Special Financial Assistance:

IFR filers submitting a supplemented application should see Addendum C for more information.

MPRA plans using the "increasing assets method" should see Addendum D for more information.

For all plans, provide information used to determine the amount of SFA under the "basic method" described in § 4262.4(a)(1).

For MPRA plans, also provide information used to determine the amount of SFA under the "increasing assets method" described in § 4262.4(a)(2)(i).

The information to be provided is:

NOTE: All items below are provided on Sheet '4A-4 SFA Details .4(a)(1)' unless otherwise indicated.

- a. The amount of SFA calculated using the "basic method", determined as a lump sum as of the SFA measurement date.
- b. Non-SFA interest rate required under § 4262.4(e)(1) of PBGC's SFA regulation, including supporting details on how it was determined.
[Sheet: 4A-1 Interest Rates]
- c. SFA interest rate required under § 4262.4(e)(2) of PBGC's SFA regulation, including supporting details on how it was determined.
[Sheet: 4A-1 Interest Rates]
- d. Fair market value of assets as of the SFA measurement date. This amount should include any assets at the SFA measurement date attributable to financial assistance received by the plan under section 4261 of ERISA, but should not reflect a payable for amounts owed to PBGC for all amounts of such financial assistance received by the plan.

- e. For each plan year in the period beginning on the SFA measurement date and ending on the last day of the last plan year ending in 2051 (the "SFA coverage period"):
- i. Separately identify the projected amount of contributions, projected withdrawal liability payments reflecting a reasonable allowance for amounts considered uncollectible, and other payments expected to be made to the plan (excluding the amount of financial assistance under section 4261 of ERISA and SFA to be received by the plan).
 - ii. Identify the benefit payments described in § 4262.4(b)(1) (including any benefits that were restored under 26 CFR 1.432(e)(9)-(1)(e)(3) and excluding the payments in e.iii. below), separately for current retirees and beneficiaries, current terminated vested participants not yet in pay status, current active participants, and new entrants.
[Sheet: 4A-2 SFA Ben Pmts]

Identify total benefit payments paid and expected to be paid from projected SFA assets separately from total benefit payments paid and expected to be paid from non-SFA assets after the projected SFA assets are fully exhausted.
 - iii. Separately identify the make-up payments described in § 4262.4(b)(1) attributable to the reinstatement of benefits under § 4262.15 that were previously suspended through the SFA measurement date.
[Also see applicable examples in Section C, Item (4)e.iii. of the SFA instructions.]
 - iv. Separately identify administrative expenses paid and expected to be paid (excluding the amount owed PBGC under section 4261 of ERISA) for premiums to PBGC and for all other administrative expenses.
[Sheet: 4A-3 SFA Pcount and Admin Exp]

Identify total administrative expenses paid and expected to be paid from projected SFA assets separately from total administrative expenses paid and expected to be paid from non-SFA assets after the projected SFA assets are fully exhausted.
 - v. Provide the projected total participant count at the beginning of each year.
[Sheet: 4A-3 SFA Pcount and Admin Exp]
 - vi. Provide the projected investment income earned by assets not attributable to SFA based on the non-SFA interest rate in b. above and the projected fair market value of non-SFA assets at the end of each plan year.
 - vii. Provide the projected investment income earned by assets attributable to SFA based on the SFA interest rate in c. above (excluding investment returns for the plan year in which the sum of annual projected benefit payments and administrative expenses for the year exceeds the beginning-of-year projected SFA assets) and the projected fair market value of SFA assets at the end of each plan year.
- f. The projected SFA exhaustion year. This is the first day of the plan year in which the sum of annual projected benefit payments and administrative expenses for the year exceeds the beginning-of-year projected SFA assets. Note this date is only required for the calculation method under which the requested amount of SFA is determined.

Additional instructions for each individual worksheet:

Sheet

4A-1 SFA Determination - non-SFA Interest Rate and SFA Interest Rate

See instructions on 4A-1 Interest Rates.

4A-2 SFA Determination - Benefit Payments for the "basic method" for all plans, and for the "increasing assets method" for MRPA plans

This sheet is not required for an IFR filer submitting a supplemented application under § 4262.4(g)(6) if the total projected benefit payments are the same as those used in the application approved under the interim final rule.

On this sheet, you will provide:

- Basic plan information (plan name, EIN/PN, SFA measurement date), and
- Year-by-year deterministic projection of benefit payments.

For each plan year in the period beginning on the SFA measurement date and ending on the last day of the last plan year ending in 2051 (the "SFA coverage period"), identify benefit payments described in § 4262.4(b)(1) for current retirees and beneficiaries, current terminated vested participants not yet in pay status, currently active participants, and new entrants. Projected benefit payments should be entered based on current participant status as of the SFA census date. On this Sheet 4A-2, show all benefit payments as positive amounts.

If the plan has suspended benefit payments under sections 305(e)(9) or 4245(a) of ERISA, the benefit payments in this Sheet 4A-2 projection should reflect prospective reinstatement of benefits assuming such reinstatements commence as of the SFA measurement date. If the plan restored or partially restored benefits under 26 CFR 1.432(e)(9)-1(e)(3) before the SFA measurement date, the benefit payments in this Sheet 4A-2 should reflect fully restored prospective benefits.

Make-up payments to be paid to restore previously suspended benefits should not be included in this Sheet 4A-2, and are separately shown in Sheet 4A-4.

Except for the first row in the projection exhibit, each row must include the full plan year of the indicated information up to the plan year ending in 2051. The first row in the projection period is for the period beginning on the SFA measurement date and ending on the last day of the plan year containing the SFA measurement date, so the first row may contain less than a full plan year of information. For all other periods, provide the full plan year of information up to the plan year ending in 2051.

4A-3 SFA Determination - Participant Count and Administrative Expenses for the "basic method" for all plans, and for the "increasing assets method" for MPRA plans

This sheet is not required for an IFR filer submitting a supplemented application under § 4262.4(g)(6).

On this sheet, you will provide:

- Basic plan information (plan name, EIN/PN, SFA measurement date), and
- Year-by-year deterministic projection of participant count and administrative expenses.

For each plan year in the period beginning on the SFA measurement date and ending on the last day of the last plan year ending in 2051 (the "SFA coverage period"), identify the projected total participant count at the beginning of each year, as well as administrative expenses, separately for premiums to PBGC and for all other administrative expenses. On this Sheet 4A-3, show all administrative expenses as positive amounts. Total expenses should match the amounts shown on 4A-4 and 4A-5.

Any amounts owed to PBGC for financial assistance under section 4261 of ERISA should not be included in this Sheet 4A-3.

Except for the first row in the projection exhibit, each row must include the full plan year of the indicated information up to the plan year ending in 2051. The first row in the projection period is for the period beginning on the SFA measurement date and ending on the last day of the plan year containing the SFA measurement date, so the first row may contain less than a full plan year of information. For all other periods, provide the full plan year of information up to the plan year ending in 2051.

4A-4 SFA Determination - Details for the "basic method" under § 4262.4(a)(1) for all plans

On this sheet, you will provide:

- Basic plan information (plan name, EIN/PN, SFA measurement date, non-SFA interest rate, SFA interest rate),
- MPRA plan status and, if applicable, certain MPRA information,
- Fair Market Value of Assets as of the SFA measurement date,
- SFA Amount as of the SFA measurement date calculated under the "basic method",
- Projected SFA exhaustion year (only if the requested amount of SFA is determined under the "basic method"), and
- Year-by-year deterministic projection.

For each plan year in the period beginning on the SFA measurement date and ending on the last day of the last plan year ending in 2051 (the "SFA coverage period"), provide each of the items requested in Columns (1) through (12). Show payments INTO the plan as positive amounts and payments OUT of the plan as negative amounts.

If the plan has suspended benefit payments under sections 305(e)(9) or 4245(a) of ERISA, Column (5) should show the make-up payments to be paid to restore the previously suspended benefits. These amounts should be determined as if such make-up payments are paid beginning as of the SFA measurement date. If the plan sponsor elects to pay these amounts as a lump sum, then the lump sum amount is assumed paid as of the SFA measurement date. If the plan sponsor elects to pay equal installments over 60 months, the first monthly payment is assumed paid on the first regular payment date on or after the SFA measurement date. See the examples in the SFA Instructions. If the make-up payments are paid over 60 months, each row in the projection should reflect the monthly payments for that period. The prospective reinstatement of suspended benefits is included in Column (4); Column (5) is only for make-up payments for past benefits that were suspended.

Except for the first row in the projection exhibit, each row must include the full plan year of the indicated information up to the plan year ending in 2051. The first row in the projection period is for the period beginning on the SFA measurement date and ending on the last day of the plan year containing the SFA measurement date, so the first row may contain less than a full plan year of information. For all other periods, provide the full plan year of information up to the plan year ending in 2051.

4A-5 SFA Determination - Details for the "increasing assets method" under § 4262.4(a)(2)(i) for MPRA plans

This sheet is to only be used by MPRA plans. For such plans, this sheet should be completed in addition to Sheet 4A-4.

On this sheet, you will provide:

- Basic plan information (plan name, EIN/PN, SFA measurement date, non-SFA interest rate, SFA interest rate),
- MPRA plan status, and if applicable, certain MPRA information,
- Fair Market Value of Assets as of the SFA measurement date,
- SFA Amount as of the SFA measurement date calculated under the "increasing assets method",
- Projected SFA exhaustion year (only if the requested amount of SFA is determined under the "increasing assets method"), and
- Year-by-year deterministic projection.

This sheet is identical to Sheet 4A-4, and the information in Columns (1) through (6) should be the same as that used in the "basic method" calculation in Sheet 4A-4. The SFA Amount as of the SFA Measurement Date will differ from that calculated in Sheet 4A-4, as it will be calculated in accordance with § 4262.4(a)(2)(i) as the lowest whole dollar amount (not less than \$0) for which, as of the last day of each plan year during the SFA coverage period, projected SFA assets and projected non-SFA assets are both greater than or equal to zero, and, as of the last day of the SFA coverage period, the sum of projected SFA assets and projected non-SFA assets is greater than the amount of such sum as of the last day of the immediately preceding plan year.

Version Updates (newest version at top)

| Version | Date updated | |
|------------|--------------|--|
| v20221102p | 11/02/2022 | Added clarifying instructions for 4A-2 and 4A-3 |
| v20220802p | 08/02/2022 | Cosmetic changes to increase the size of some rows |
| v20220701p | 07/01/2022 | |

SFA Determination - non-SFA Interest Rate and SFA Interest Rate

Provide the non-SFA interest rate and SFA interest rate used, including supporting details on how they were determined.

PLAN INFORMATION

| | |
|--|-----------------|
| Abbreviated Plan Name: | Alaska Plumbers |
| EIN: | 52-6103810 |
| PN: | 001 |
| Initial Application Date: | 03/28/2023 |
| SFA Measurement Date: | 12/31/2022 |
| Last day of first plan year ending after the measurement date: | 12/31/2023 |

For a plan other than a plan described in § 4262.4(g) (i.e., for a plan that has not filed an initial application under PBGC's interim final rule), the last day of the third calendar month immediately preceding the plan's initial application date.
 For a plan described in § 4262.4(g) (i.e., for a plan that filed an initial application prior to publication of the final rule), the last day of the calendar quarter immediately preceding the plan's initial application date.

| | | |
|-----------------------------|-------|--|
| Non-SFA Interest Rate Used: | 5.85% | Rate used in projection of non-SFA assets. |
| SFA Interest Rate Used: | 3.77% | Rate used in projection of SFA assets. |

Development of non-SFA interest rate and SFA interest rate:

| | | |
|---------------------|-------|---|
| Plan Interest Rate: | 7.00% | Interest rate used for the funding standard account projections in the plan's most recently completed certification of plan status before 1/1/2021. |
|---------------------|-------|---|

Corresponding ERISA Section 303(h)(2)(C)(i), (ii), and (iii) rates disregarding modifications made under clause (iv) of such section.

| Month Year | Corresponding ERISA Section 303(h)(2)(C)(i), (ii), and (iii) rates disregarding modifications made under clause (iv) of such section. | | | |
|--|---|-------|-------|-------|
| | (i) | (ii) | (iii) | |
| Month in which plan's initial application is filed, and corresponding segment rates (leave (i), (ii), and (iii) blank if the IRS Notice for this month has not yet been issued): | March 2023 | 2.50% | 3.83% | 4.06% |
| 1 month preceding month in which plan's initial application is filed, and corresponding segment rates: | February 2023 | 2.31% | 3.72% | 4.00% |
| 2 months preceding month in which plan's initial application is filed, and corresponding segment rates: | January 2023 | 2.13% | 3.62% | 3.93% |
| 3 months preceding month in which plan's initial application is filed, and corresponding segment rates: | December 2022 | 1.95% | 3.50% | 3.85% |

24-month average segment rates without regard to interest rate stabilization rules. These rates are issued by IRS each month. For example, the applicable segment rates for August 2021 are 1.13%, 2.70%, and 3.38%. Those rates were issued in [IRS Notice 21-50](#) on August 16, 2021 (see page 2 of notice under the heading "24-Month Average Segment Rates Without 25-Year Average Adjustment").

They are also available on IRS' [Funding Yield Curve Segment Rate Tables](#) web page (See Funding Table 3 under the heading "24-Month Average Segment Rates Not Adjusted").

| | | |
|---|-------|---|
| Non-SFA Interest Rate Limit (lowest 3rd segment rate plus 200 basis points): | 5.85% | This amount is calculated based on the other information entered above. |
| Non-SFA Interest Rate Calculation (lesser of Plan Interest Rate and Non-SFA Interest Rate Limit): | 5.85% | This amount is calculated based on the other information entered above. |
| Non-SFA Interest Rate Match Check: | Match | If the non-SFA Interest Rate Calculation is not equal to the non-SFA Interest Rate Used, provide explanation below. |

| | | |
|---|-------|---|
| SFA Interest Rate Limit (lowest average of the 3 segment rates plus 67 basis points): | 3.77% | This amount is calculated based on the other information entered. |
| SFA Interest Rate Calculation (lesser of Plan Interest Rate and SFA Interest Rate Limit): | 3.77% | This amount is calculated based on the other information entered above. |
| SFA Interest Rate Match Check: | Match | If the SFA Interest Rate Calculation is not equal to the SFA Interest Rate Used, provide explanation below. |

TEMPLATE 4A - Sheet 4A-2

v20221102p

SFA Determination - Benefit Payments for the "basic method" for all plans, and for the "increasing assets method" for MRPA plans

See Template 4A Instructions for Additional Instructions for Sheet 4A-2.

PLAN INFORMATION

| | |
|------------------------|-----------------|
| Abbreviated Plan Name: | Alaska Plumbers |
| EIN: | 52-6103810 |
| PN: | 001 |
| SFA Measurement Date: | 12/31/2022 |

On this Sheet, show all benefit payment amounts as positive amounts.

PROJECTED BENEFIT PAYMENTS for:

| SFA Measurement Date / Plan Year Start Date | Plan Year End Date | Current Retirees and Beneficiaries in Pay Status | Current Terminated Vested Participants | Current Active Participants | New Entrants | Total |
|--|--------------------|--|---|--------------------------------|--------------|--------------|
| | | \$0 | \$0 | \$0 | \$0 | \$0 |
| 12/31/2022 | 12/31/2022 | | | | | |
| 01/01/2023 | 12/31/2023 | \$27,013,909 | \$1,004,304 | \$1,630,427 | \$963 | \$29,649,603 |
| 01/01/2024 | 12/31/2024 | \$26,452,803 | \$1,370,869 | \$2,271,978 | \$8,684 | \$30,104,334 |
| 01/01/2025 | 12/31/2025 | \$25,906,550 | \$1,783,232 | \$2,858,052 | \$20,604 | \$30,568,438 |
| 01/01/2026 | 12/31/2026 | \$25,349,187 | \$2,134,553 | \$3,399,889 | \$60,552 | \$30,944,181 |
| 01/01/2027 | 12/31/2027 | \$24,760,154 | \$2,338,715 | \$3,891,600 | \$113,839 | \$31,104,308 |
| 01/01/2028 | 12/31/2028 | \$24,144,474 | \$2,541,241 | \$4,291,975 | \$175,498 | \$31,153,188 |
| 01/01/2029 | 12/31/2029 | \$23,498,021 | \$2,849,103 | \$4,669,085 | \$239,200 | \$31,255,409 |
| 01/01/2030 | 12/31/2030 | \$22,820,922 | \$3,179,356 | \$4,995,265 | \$321,721 | \$31,317,264 |
| 01/01/2031 | 12/31/2031 | \$22,113,401 | \$3,590,571 | \$5,305,045 | \$405,388 | \$31,414,405 |
| 01/01/2032 | 12/31/2032 | \$21,375,971 | \$3,961,569 | \$5,583,528 | \$480,639 | \$31,401,707 |
| 01/01/2033 | 12/31/2033 | \$20,609,484 | \$4,190,267 | \$5,856,663 | \$565,765 | \$31,222,179 |
| 01/01/2034 | 12/31/2034 | \$19,815,087 | \$4,340,953 | \$6,121,887 | \$649,688 | \$30,927,615 |
| 01/01/2035 | 12/31/2035 | \$18,994,249 | \$4,644,496 | \$6,419,300 | \$747,158 | \$30,805,203 |
| 01/01/2036 | 12/31/2036 | \$18,148,679 | \$4,795,953 | \$6,648,511 | \$853,168 | \$30,446,311 |
| 01/01/2037 | 12/31/2037 | \$17,280,213 | \$4,869,546 | \$6,902,719 | \$966,555 | \$30,019,033 |
| 01/01/2038 | 12/31/2038 | \$16,390,613 | \$4,881,113 | \$7,158,125 | \$1,095,943 | \$29,525,794 |
| 01/01/2039 | 12/31/2039 | \$15,483,350 | \$4,955,001 | \$7,450,276 | \$1,217,386 | \$29,106,013 |
| 01/01/2040 | 12/31/2040 | \$14,560,178 | \$5,104,961 | \$7,630,749 | \$1,352,035 | \$28,647,923 |
| 01/01/2041 | 12/31/2041 | \$13,625,505 | \$5,264,848 | \$7,891,633 | \$1,494,558 | \$28,276,544 |
| 01/01/2042 | 12/31/2042 | \$12,684,572 | \$5,305,105 | \$8,105,267 | \$1,657,177 | \$27,752,121 |
| 01/01/2043 | 12/31/2043 | \$11,743,061 | \$5,375,110 | \$8,384,276 | \$1,845,644 | \$27,348,091 |
| 01/01/2044 | 12/31/2044 | \$10,807,287 | \$5,427,320 | \$8,632,460 | \$2,014,520 | \$26,881,587 |
| 01/01/2045 | 12/31/2045 | \$9,883,944 | \$5,515,105 | \$8,806,774 | \$2,197,171 | \$26,402,994 |
| 01/01/2046 | 12/31/2046 | \$8,979,821 | \$5,575,024 | \$9,028,224 | \$2,385,138 | \$25,968,207 |
| 01/01/2047 | 12/31/2047 | \$8,101,638 | \$5,592,923 | \$9,323,632 | \$2,620,989 | \$25,639,182 |
| 01/01/2048 | 12/31/2048 | \$7,255,896 | \$5,523,468 | \$9,586,285 | \$2,914,380 | \$25,280,029 |
| 01/01/2049 | 12/31/2049 | \$6,448,639 | \$5,400,928 | \$9,739,607 | \$3,150,978 | \$24,740,152 |
| 01/01/2050 | 12/31/2050 | \$5,685,412 | \$5,313,212 | \$9,816,841 | \$3,402,034 | \$24,217,499 |
| 01/01/2051 | 12/31/2051 | \$4,970,978 | \$5,190,262 | \$10,005,733 | \$3,642,732 | \$23,809,705 |

TEMPLATE 4A - Sheet 4A-3

v20221102p

SFA Determination - Participant Count and Administrative Expenses for the "basic method" for all plans, and for the "increasing assets method" for MPRA plans

See Template 4A Instructions for Additional Instructions for Sheet 4A-3.

PLAN INFORMATION

| | | |
|------------------------|-----------------|--|
| Abbreviated Plan Name: | Alaska Plumbers | |
| EIN: | 52-6103810 | |
| PN: | 001 | |
| SFA Measurement Date: | 12/31/2022 | |

On this Sheet, show all administrative expense amounts as positive amounts.

| SFA Measurement Date / Plan Year Start Date | | Plan Year End Date | Total Participant Count at Beginning of Plan Year | PROJECTED ADMINISTRATIVE EXPENSES for: | | |
|--|------------|--------------------|---|--|-------------|-------------|
| | | | | PBGC Premiums | Other | Total |
| 12/31/2022 | 12/31/2022 | | N/A | | | |
| 01/01/2023 | 12/31/2023 | | 1727 | \$60,445 | \$704,715 | \$765,160 |
| 01/01/2024 | 12/31/2024 | | 1871 | \$69,227 | \$713,679 | \$782,906 |
| 01/01/2025 | 12/31/2025 | | 1881 | \$71,478 | \$628,501 | \$699,979 |
| 01/01/2026 | 12/31/2026 | | 1888 | \$73,632 | \$643,846 | \$717,478 |
| 01/01/2027 | 12/31/2027 | | 1826 | \$73,040 | \$662,375 | \$735,415 |
| 01/01/2028 | 12/31/2028 | | 1747 | \$71,627 | \$682,174 | \$753,801 |
| 01/01/2029 | 12/31/2029 | | 1757 | \$73,794 | \$698,852 | \$772,646 |
| 01/01/2030 | 12/31/2030 | | 1766 | \$75,938 | \$716,024 | \$791,962 |
| 01/01/2031 | 12/31/2031 | | 1774 | \$92,248 | \$733,924 | \$826,172 |
| 01/01/2032 | 12/31/2032 | | 1776 | \$94,128 | \$752,273 | \$846,401 |
| 01/01/2033 | 12/31/2033 | | 1777 | \$97,735 | \$771,079 | \$868,814 |
| 01/01/2034 | 12/31/2034 | | 1775 | \$99,400 | \$790,356 | \$889,756 |
| 01/01/2035 | 12/31/2035 | | 1775 | \$101,175 | \$810,115 | \$911,290 |
| 01/01/2036 | 12/31/2036 | | 1771 | \$104,489 | \$830,368 | \$934,857 |
| 01/01/2037 | 12/31/2037 | | 1766 | \$105,960 | \$851,127 | \$957,087 |
| 01/01/2038 | 12/31/2038 | | 1758 | \$108,996 | \$872,406 | \$981,402 |
| 01/01/2039 | 12/31/2039 | | 1753 | \$110,439 | \$894,216 | \$1,004,655 |
| 01/01/2040 | 12/31/2040 | | 1743 | \$113,295 | \$916,571 | \$1,029,866 |
| 01/01/2041 | 12/31/2041 | | 1735 | \$116,245 | \$939,485 | \$1,055,730 |
| 01/01/2042 | 12/31/2042 | | 1725 | \$117,300 | \$962,973 | \$1,080,273 |
| 01/01/2043 | 12/31/2043 | | 1711 | \$119,770 | \$987,047 | \$1,106,817 |
| 01/01/2044 | 12/31/2044 | | 1698 | \$122,256 | \$1,011,723 | \$1,133,979 |
| 01/01/2045 | 12/31/2045 | | 1683 | \$122,859 | \$1,037,016 | \$1,159,875 |
| 01/01/2046 | 12/31/2046 | | 1668 | \$125,100 | \$1,062,941 | \$1,188,041 |
| 01/01/2047 | 12/31/2047 | | 1650 | \$127,050 | \$1,089,515 | \$1,216,565 |
| 01/01/2048 | 12/31/2048 | | 1632 | \$128,928 | \$1,116,753 | \$1,245,681 |
| 01/01/2049 | 12/31/2049 | | 1612 | \$130,572 | \$1,144,672 | \$1,275,244 |
| 01/01/2050 | 12/31/2050 | | 1593 | \$132,219 | \$1,173,289 | \$1,305,508 |
| 01/01/2051 | 12/31/2051 | | 1573 | \$133,705 | \$1,202,621 | \$1,336,326 |

TEMPLATE 4A - Sheet 4A-4

SFA Determination - Details for the "basic method" under § 4262.4(a)(1) for all plans

See Template 4A Instructions for Additional Instructions for Sheet 4A-4.

PLAN INFORMATION

| | | |
|--|-----------------|--|
| Abbreviated Plan Name: | Alaska Plumbers | |
| EIN: | 52-6103810 | |
| PN: | 001 | |
| MPRA Plan? | No | Meets the definition of a MPRA plan described in § 4262.4(a)(3)? |
| If a MPRA Plan, which method yields the greatest amount of SFA? | | MPRA increasing assets method described in § 4262.4(a)(2)(i). MPRA present value method described in § 4262.4(a)(2)(ii). |
| SFA Measurement Date: | 12/31/2022 | |
| Fair Market Value of Assets as of the SFA Measurement Date: | \$194,219,054 | |
| SFA Amount as of the SFA Measurement Date under the method calculated in this Sheet: | \$100,555,123 | Per § 4262.4(a)(1), the lowest whole dollar amount (not less than \$0) for which, as of the last day of each plan year during the SFA coverage period, projected SFA assets and projected non-SFA assets are both greater than or equal to zero. |
| Projected SFA exhaustion year: | 01/01/2026 | Only required on this sheet if the requested amount of SFA is based on the "basic method". Plan Year Start Date of the plan year in which the sum of annual projected benefit payments and administrative expenses for the year exceeds the beginning-of-year projected SFA assets. |
| Non-SFA Interest Rate: | 5.85% | |
| SFA Interest Rate: | 3.77% | |

On this Sheet, show payments INTO the plan as positive amounts, and payments OUT of the plan as negative amounts.

| SFA Measurement Date / Plan Year Start Date | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
|---|------------|---------------|-------------------------------|---|---|---|--|---|--|--|---|--|--|
| Plan Year End Date | | Contributions | Withdrawal Liability Payments | Other Payments to Plan (excluding financial assistance and SFA) | Benefit Payments (should match total from Sheet 4A-2) | Make-up Payments Attributable to Reinstatement of Benefits Suspended through the SFA Measurement Date | Administrative Expenses (excluding amount owed PBGC under 4261 of ERISA; should match total from Sheet 4A-3) | Benefit Payments (from (4) and (5)) and Administrative Expenses (from (6)) Paid from SFA Assets | SFA Investment Income Based on SFA Interest Rate | Projected SFA Assets at End of Plan Year (prior year assets + (7) + (8)) | Benefit Payments (from (4) and (5)) and Administrative Expenses (from (6)) Paid from Non-SFA Assets | Non-SFA Investment Income Based on Non-SFA Interest Rate | Projected Non-SFA Assets at End of Plan Year (prior year assets + (1) + (2) + (3) + (10) + (11)) |
| 12/31/2022 | 12/31/2022 | | | | | | | | | \$101,172,454 | | | \$194,219,054 |
| 01/01/2023 | 12/31/2023 | \$10,407,937 | \$238,232 | \$0 | -\$29,649,603 | \$0 | -\$765,160 | -\$30,414,763 | \$3,222,914 | \$73,363,274 | \$0 | \$11,668,789 | \$216,534,013 |
| 01/01/2024 | 12/31/2024 | \$13,405,110 | \$619,064 | \$0 | -\$30,104,334 | \$0 | -\$782,906 | -\$30,887,240 | \$2,188,957 | \$44,664,991 | \$0 | \$13,071,617 | \$243,629,803 |
| 01/01/2025 | 12/31/2025 | \$13,325,838 | \$825,419 | \$0 | -\$30,568,438 | \$0 | -\$699,979 | -\$31,268,417 | \$1,099,913 | \$14,496,488 | \$0 | \$14,660,385 | \$272,441,445 |
| 01/01/2026 | 12/31/2026 | \$13,248,189 | \$825,419 | \$0 | -\$30,944,181 | \$0 | -\$717,478 | -\$14,496,488 | \$0 | \$0 | -\$17,165,172 | \$15,848,682 | \$285,198,563 |
| 01/01/2027 | 12/31/2027 | \$11,489,288 | \$816,004 | \$0 | -\$31,104,308 | \$0 | -\$735,415 | \$0 | \$0 | \$0 | -\$31,839,723 | \$16,120,854 | \$281,784,986 |
| 01/01/2028 | 12/31/2028 | \$9,276,176 | \$725,326 | \$0 | -\$31,153,188 | \$0 | -\$753,801 | \$0 | \$0 | \$0 | -\$31,906,989 | \$15,852,792 | \$275,732,291 |
| 01/01/2029 | 12/31/2029 | \$9,164,943 | \$262,047 | \$0 | -\$31,255,409 | \$0 | -\$772,646 | \$0 | \$0 | \$0 | -\$32,028,055 | \$15,478,653 | \$268,609,880 |
| 01/01/2030 | 12/31/2030 | \$9,056,348 | \$241,958 | \$0 | -\$31,317,264 | \$0 | -\$791,962 | \$0 | \$0 | \$0 | -\$32,109,226 | \$15,055,941 | \$260,854,902 |
| 01/01/2031 | 12/31/2031 | \$8,950,327 | \$241,958 | \$0 | -\$31,414,405 | \$0 | -\$826,172 | \$0 | \$0 | \$0 | -\$32,240,577 | \$14,595,431 | \$252,402,041 |
| 01/01/2032 | 12/31/2032 | \$8,846,816 | \$180,838 | \$0 | -\$31,401,707 | \$0 | -\$846,401 | \$0 | \$0 | \$0 | -\$32,248,108 | \$14,095,974 | \$243,277,562 |
| 01/01/2033 | 12/31/2033 | \$8,802,663 | \$117,772 | \$0 | -\$31,222,179 | \$0 | -\$868,814 | \$0 | \$0 | \$0 | -\$32,090,993 | \$13,563,631 | \$233,670,634 |
| 01/01/2034 | 12/31/2034 | \$8,758,951 | \$117,772 | \$0 | -\$30,927,615 | \$0 | -\$889,756 | \$0 | \$0 | \$0 | -\$31,817,371 | \$13,008,255 | \$223,738,240 |
| 01/01/2035 | 12/31/2035 | \$8,715,677 | \$0 | \$0 | -\$30,805,203 | \$0 | -\$911,290 | \$0 | \$0 | \$0 | -\$31,716,493 | \$12,428,871 | \$213,284,066 |
| 01/01/2036 | 12/31/2036 | \$8,672,835 | \$117,772 | \$0 | -\$30,446,311 | \$0 | -\$934,857 | \$0 | \$0 | \$0 | -\$31,381,168 | \$11,825,735 | \$202,519,239 |
| 01/01/2037 | 12/31/2037 | \$8,630,421 | \$117,772 | \$0 | -\$30,019,033 | \$0 | -\$957,087 | \$0 | \$0 | \$0 | -\$30,976,120 | \$11,206,449 | \$191,497,760 |
| 01/01/2038 | 12/31/2038 | \$8,588,432 | \$86,790 | \$0 | -\$29,525,794 | \$0 | -\$981,402 | \$0 | \$0 | \$0 | -\$30,507,196 | \$10,573,109 | \$180,238,895 |
| 01/01/2039 | 12/31/2039 | \$8,546,862 | \$0 | \$0 | -\$29,106,013 | \$0 | -\$1,004,655 | \$0 | \$0 | \$0 | -\$30,110,668 | \$9,922,198 | \$168,597,288 |
| 01/01/2040 | 12/31/2040 | \$8,505,709 | \$0 | \$0 | -\$28,647,923 | \$0 | -\$1,029,866 | \$0 | \$0 | \$0 | -\$29,677,789 | \$9,252,459 | \$156,677,667 |
| 01/01/2041 | 12/31/2041 | \$8,464,966 | \$0 | \$0 | -\$28,276,544 | \$0 | -\$1,055,730 | \$0 | \$0 | \$0 | -\$29,332,274 | \$8,563,949 | \$144,374,309 |
| 01/01/2042 | 12/31/2042 | \$8,424,632 | \$0 | \$0 | -\$27,752,121 | \$0 | -\$1,080,273 | \$0 | \$0 | \$0 | -\$28,832,394 | \$7,857,454 | \$131,824,001 |
| 01/01/2043 | 12/31/2043 | \$8,384,700 | \$0 | \$0 | -\$27,348,091 | \$0 | -\$1,106,817 | \$0 | \$0 | \$0 | -\$28,454,908 | \$7,132,094 | \$118,886,787 |
| 01/01/2044 | 12/31/2044 | \$8,345,168 | \$0 | \$0 | -\$26,881,587 | \$0 | -\$1,133,979 | \$0 | \$0 | \$0 | -\$28,015,566 | \$6,387,695 | \$105,604,084 |
| 01/01/2045 | 12/31/2045 | \$8,306,031 | \$0 | \$0 | -\$26,402,994 | \$0 | -\$1,159,875 | \$0 | \$0 | \$0 | -\$27,562,869 | \$5,622,582 | \$91,969,828 |
| 01/01/2046 | 12/31/2046 | \$8,267,286 | \$0 | \$0 | -\$25,968,207 | \$0 | -\$1,188,041 | \$0 | \$0 | \$0 | -\$27,156,248 | \$4,835,585 | \$77,916,450 |
| 01/01/2047 | 12/31/2047 | \$8,228,928 | \$0 | \$0 | -\$25,639,182 | \$0 | -\$1,216,565 | \$0 | \$0 | \$0 | -\$26,855,747 | \$4,021,021 | \$63,310,652 |
| 01/01/2048 | 12/31/2048 | \$8,190,953 | \$0 | \$0 | -\$25,280,029 | \$0 | -\$1,245,681 | \$0 | \$0 | \$0 | -\$26,525,710 | \$3,175,003 | \$48,150,899 |
| 01/01/2049 | 12/31/2049 | \$8,153,359 | \$0 | \$0 | -\$24,740,152 | \$0 | -\$1,275,244 | \$0 | \$0 | \$0 | -\$26,015,396 | \$2,301,788 | \$32,590,650 |
| 01/01/2050 | 12/31/2050 | \$8,116,140 | \$0 | \$0 | -\$24,217,499 | \$0 | -\$1,305,508 | \$0 | \$0 | \$0 | -\$25,523,007 | \$1,404,638 | \$16,588,422 |
| 01/01/2051 | 12/31/2051 | \$8,079,293 | \$0 | \$0 | -\$23,809,705 | \$0 | -\$1,336,326 | \$0 | \$0 | \$0 | -\$25,146,031 | \$478,315 | \$0 |

TEMPLATE 4A - Sheet 4A-5

SFA Determination - Details for the "increasing assets method" under § 4262.4(a)(2)(i) for MPRA plans

See Template 4A Instructions for Additional Instructions for Sheet 4A-5.

PLAN INFORMATION

| | |
|--|--|
| Abbreviated Plan Name: | |
| EIN: | |
| PN: | |
| MPRA Plan? | Meets the definition of a MPRA plan described in § 4262.4(a)(3)? |
| If a MPRA Plan, which method yields the greatest amount of SFA? | MPRA increasing assets method described in § 4262.4(a)(2)(i). MPRA present value method described in § 4262.4(a)(2)(ii). |
| SFA Measurement Date: | |
| Fair Market Value of Assets as of the SFA Measurement Date: | |
| SFA Amount as of the SFA Measurement Date under the method calculated in this Sheet: | Per § 4262.4(a)(2)(i), the lowest whole dollar amount (not less than \$0) for which, as of the last day of each plan year during the SFA coverage period, projected SFA assets and projected non-SFA assets are both greater than or equal to zero, and, as of the last day of the SFA coverage period, the sum of projected SFA assets and projected non-SFA assets is greater than the amount of such sum as of the last day of the immediately preceding plan year. |
| Projected SFA exhaustion year: | Only required on this sheet if the requested amount of SFA is based on the "increasing assets method". Plan Year Start Date of the plan year in which the sum of annual projected benefit payments and administrative expenses for the year exceeds the beginning-of-year projected SFA assets. |
| Non-SFA Interest Rate: | |
| SFA Interest Rate: | |

On this Sheet, show payments INTO the plan as positive amounts, and payments OUT of the plan as negative amounts.

| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
|---|--------------------|---------------|-------------------------------|---|---|---|--|---|--|--|---|--|--|
| | | Contributions | Withdrawal Liability Payments | Other Payments to Plan (excluding financial assistance and SFA) | Benefit Payments (should match total from Sheet 4A-2) | Make-up Payments Attributable to Reinstatement of Benefits Suspended through the SFA Measurement Date | Administrative Expenses (excluding amount owed PBGC under 4261 of ERISA; should match total from Sheet 4A-3) | Benefit Payments (from (4) and (5)) and Administrative Expenses (from (6)) Paid from SFA Assets | SFA Investment Income Based on SFA Interest Rate | Projected SFA Assets at End of Plan Year (prior year assets + (7) + (8)) | Benefit Payments (from (4) and (5)) and Administrative Expenses (from (6)) Paid from Non-SFA Assets | Non-SFA Investment Income Based on Non-SFA Interest Rate | Projected Non-SFA Assets at End of Plan Year (prior year assets + (1) + (2) + (3) + (10) + (11)) |
| SFA Measurement Date / Plan Year Start Date | Plan Year End Date | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

TEMPLATE 5A

v20220802p

Baseline - for non-MPRA plans using the "basic method", or for MPRA plans for which the requested amount of SFA is determined under the "increasing assets method"

File name: *Template 5A Plan Name*, where "Plan Name" is an abbreviated version of the plan name.

Instructions for Section C, Item (5) of the Instructions for Filing Requirements for Multiemployer Plans Applying for Special Financial Assistance:

This Template 5A is not required if all assumptions and methods used to determine the requested SFA amount are identical to those used in the most recent actuarial certification of plan status completed before 1/1/2021 ("pre-2021 certification of plan status"), except the non-SFA and SFA interest rates, and except any assumptions that were changed in accordance with Section III, Acceptable Assumption Changes in PBGC's SFA assumptions guidance (other than the acceptable assumption change for "missing" terminated vested participants described in Section III.E. of PBGC's SFA assumptions guidance).

Provide a separate deterministic projection ("Baseline") using the same calculation methodology used to determine the requested SFA amount, in the same format as Template 4A (Sheets 4A-2, 4A-3, and either 4A-4 or 4A-5) that shows the amount of SFA that would be determined if all underlying assumptions and methods used in the projection were the same as those used in the pre-2021 certification of plan status, except the plan's non-SFA interest rate and SFA interest rate, which should be the same as used in Template 4A (Sheet 4A-1).

For purposes of this Template 5A, any assumption change made in accordance with Section III, Acceptable Assumption Changes, in PBGC's SFA assumptions guidance should be reflected in this Baseline calculation of the SFA amount and supporting projection information, except that an assumption change for "missing" terminated vested participants described in Section III.E of PBGC's SFA assumptions guidance should not be reflected in the Baseline projections. See examples in the SFA instructions for Section C, Item (5).

Additional instructions for each individual worksheet:

Sheet

5A-1 Baseline - Benefit Payments for the "basic method", or for MPRA plans for which the requested amount of SFA is determined under the "increasing assets method"

See Template 4A instructions for Sheet 4A-2, except provide the benefit payment projection used to determine the Baseline SFA amount.

5A-2 Baseline - Participant Count and Administrative Expenses for the "basic method", or for MPRA plans for which the requested amount of SFA is determined under the "increasing assets method"

See Template 4A instructions for Sheet 4A-3, except provide the projected total participant count and administrative expense projection used to determine the Baseline SFA amount.

5A-3 Baseline - Details for the "basic method" under § 4262.4(a)(1) for non-MPRA plans, or for the "increasing assets method" under § 4262.4(a)(2)(i) for MPRA plans for which the requested amount of SFA is determined under that method

For non-MPRA plans, see Template 4A instructions for Sheet 4A-4, except provide the projection used to determine the Baseline SFA amount under the "basic method" described in § 4262.4(a)(1). Unlike Sheet 4A-4, it is not necessary to explicitly identify the projected SFA exhaustion year in Sheet 5A-3.

For MPRA plans for which the requested amount of SFA is determined under the "increasing assets method", see Template 4A instructions for Sheet 4A-5, except provide the projection used to determine the Baseline SFA amount under the "increasing assets method" described in § 4262.4(a)(2)(i). Unlike Sheet 4A-5, it is not necessary to identify the projected SFA exhaustion year in Sheet 5A-3.

Version Updates (newest version at top)

| Version | Date updated | |
|------------|--------------|--|
| v20220802p | 08/02/2022 | Cosmetic changes to increase the size of some rows |
| v20220701p | 07/01/2022 | |

TEMPLATE 5A - Sheet 5A-1

v20220802p

Baseline - Benefit Payments for the "basic method", or for MPRA plans for which the requested amount of SFA is determined under the "increasing assets method"

See Template 4A instructions for Sheet 4A-2, except provide the benefit payment projection used to determine the Baseline SFA amount.

PLAN INFORMATION

| | |
|------------------------|-----------------|
| Abbreviated Plan Name: | Alaska Plumbers |
| EIN: | 52-6103810 |
| PN: | 001 |
| SFA Measurement Date: | 12/31/2022 |

On this Sheet, show all benefit payment amounts as positive amounts.

| PROJECTED BENEFIT PAYMENTS for: | | | | | | |
|---|--------------------|--|--|-----------------------------|--------------|--------------|
| SFA Measurement Date / Plan Year Start Date | Plan Year End Date | Current Retirees and Beneficiaries in Pay Status | Current Terminated Vested Participants | Current Active Participants | New Entrants | Total |
| 12/31/2022 | 12/31/2022 | | | | | \$0 |
| 01/01/2023 | 12/31/2023 | \$27,013,909 | \$1,004,304 | \$1,630,427 | \$3,090 | \$29,651,730 |
| 01/01/2024 | 12/31/2024 | \$26,452,803 | \$1,370,869 | \$2,271,978 | \$15,306 | \$30,110,956 |
| 01/01/2025 | 12/31/2025 | \$25,906,550 | \$1,783,232 | \$2,858,052 | \$33,211 | \$30,581,045 |
| 01/01/2026 | 12/31/2026 | \$25,349,187 | \$2,134,553 | \$3,399,889 | \$87,041 | \$30,970,670 |
| 01/01/2027 | 12/31/2027 | \$24,760,154 | \$2,338,715 | \$3,891,600 | \$164,743 | \$31,155,212 |
| 01/01/2028 | 12/31/2028 | \$24,144,474 | \$2,541,241 | \$4,291,975 | \$241,864 | \$31,219,554 |
| 01/01/2029 | 12/31/2029 | \$23,498,021 | \$2,849,103 | \$4,669,085 | \$336,132 | \$31,352,341 |
| 01/01/2030 | 12/31/2030 | \$22,820,922 | \$3,179,356 | \$4,995,265 | \$463,844 | \$31,459,387 |
| 01/01/2031 | 12/31/2031 | \$22,113,401 | \$3,590,571 | \$5,305,045 | \$572,674 | \$31,581,691 |
| 01/01/2032 | 12/31/2032 | \$21,375,971 | \$3,961,569 | \$5,583,528 | \$702,108 | \$31,623,176 |
| 01/01/2033 | 12/31/2033 | \$20,609,484 | \$4,190,267 | \$5,856,663 | \$834,631 | \$31,491,045 |
| 01/01/2034 | 12/31/2034 | \$19,815,087 | \$4,340,953 | \$6,121,887 | \$982,710 | \$31,260,637 |
| 01/01/2035 | 12/31/2035 | \$18,994,249 | \$4,644,496 | \$6,419,300 | \$1,149,986 | \$31,208,031 |
| 01/01/2036 | 12/31/2036 | \$18,148,679 | \$4,795,953 | \$6,648,511 | \$1,318,346 | \$30,911,489 |
| 01/01/2037 | 12/31/2037 | \$17,280,213 | \$4,869,546 | \$6,902,719 | \$1,525,421 | \$30,577,899 |
| 01/01/2038 | 12/31/2038 | \$16,390,613 | \$4,881,113 | \$7,158,125 | \$1,727,420 | \$30,157,271 |
| 01/01/2039 | 12/31/2039 | \$15,483,350 | \$4,955,001 | \$7,450,276 | \$1,946,973 | \$29,835,600 |
| 01/01/2040 | 12/31/2040 | \$14,560,178 | \$5,104,961 | \$7,630,749 | \$2,188,571 | \$29,484,459 |
| 01/01/2041 | 12/31/2041 | \$13,625,505 | \$5,264,848 | \$7,891,633 | \$2,432,796 | \$29,214,782 |
| 01/01/2042 | 12/31/2042 | \$12,684,572 | \$5,305,105 | \$8,105,267 | \$2,751,483 | \$28,846,427 |
| 01/01/2043 | 12/31/2043 | \$11,743,061 | \$5,375,110 | \$8,384,276 | \$3,043,935 | \$28,546,382 |
| 01/01/2044 | 12/31/2044 | \$10,807,287 | \$5,427,320 | \$8,632,460 | \$3,354,781 | \$28,221,848 |
| 01/01/2045 | 12/31/2045 | \$9,883,944 | \$5,515,105 | \$8,806,774 | \$3,687,407 | \$27,893,230 |
| 01/01/2046 | 12/31/2046 | \$8,979,821 | \$5,575,024 | \$9,028,224 | \$4,021,322 | \$27,604,391 |
| 01/01/2047 | 12/31/2047 | \$8,101,638 | \$5,592,923 | \$9,323,632 | \$4,523,732 | \$27,541,925 |
| 01/01/2048 | 12/31/2048 | \$7,255,896 | \$5,523,468 | \$9,586,285 | \$4,933,402 | \$27,299,051 |
| 01/01/2049 | 12/31/2049 | \$6,448,639 | \$5,400,928 | \$9,739,607 | \$5,361,345 | \$26,950,519 |
| 01/01/2050 | 12/31/2050 | \$5,685,412 | \$5,313,212 | \$9,816,841 | \$5,812,567 | \$26,628,032 |
| 01/01/2051 | 12/31/2051 | \$4,970,978 | \$5,190,262 | \$10,005,733 | \$6,266,541 | \$26,433,514 |

TEMPLATE 5A - Sheet 5A-2

v20220802p

Baseline - Participant Count and Administrative Expenses for the "basic method", or for MPRA plans for which the requested amount of SFA is determined under the "increasing assets method"

See Template 4A instructions for Sheet 4A-3, except provide the projected total participant count and administrative expense projection used to determine the Baseline SFA amount.

PLAN INFORMATION

| | | |
|------------------------|-----------------|--|
| Abbreviated Plan Name: | Alaska Plumbers | |
| EIN: | 52-6103810 | |
| PN: | 001 | |
| SFA Measurement Date: | 12/31/2022 | |

On this Sheet, show all administrative expense amounts as positive amounts.

| SFA Measurement Date / Plan Year Start Date | | Plan Year End Date | Total Participant Count at Beginning of Plan Year | PROJECTED ADMINISTRATIVE EXPENSES for: | | |
|--|------------|--------------------|---|--|-------------|-------------|
| | | | | PBGC Premiums | Other | Total |
| 12/31/2022 | 12/31/2022 | | N/A | | | |
| 01/01/2023 | 12/31/2023 | | 1885 | \$65,975 | \$513,527 | \$579,502 |
| 01/01/2024 | 12/31/2024 | | 1905 | \$70,485 | \$523,504 | \$593,989 |
| 01/01/2025 | 12/31/2025 | | 1916 | \$72,808 | \$536,031 | \$608,839 |
| 01/01/2026 | 12/31/2026 | | 1928 | \$75,192 | \$548,868 | \$624,060 |
| 01/01/2027 | 12/31/2027 | | 1942 | \$77,680 | \$561,982 | \$639,662 |
| 01/01/2028 | 12/31/2028 | | 1967 | \$80,647 | \$575,006 | \$655,653 |
| 01/01/2029 | 12/31/2029 | | 1989 | \$83,538 | \$588,506 | \$672,044 |
| 01/01/2030 | 12/31/2030 | | 2011 | \$86,473 | \$602,372 | \$688,845 |
| 01/01/2031 | 12/31/2031 | | 2032 | \$89,408 | \$616,659 | \$706,067 |
| 01/01/2032 | 12/31/2032 | | 2050 | \$92,250 | \$631,468 | \$723,718 |
| 01/01/2033 | 12/31/2033 | | 2069 | \$95,174 | \$646,637 | \$741,811 |
| 01/01/2034 | 12/31/2034 | | 2083 | \$97,901 | \$662,456 | \$760,357 |
| 01/01/2035 | 12/31/2035 | | 2100 | \$100,800 | \$678,565 | \$779,365 |
| 01/01/2036 | 12/31/2036 | | 2114 | \$105,700 | \$693,150 | \$798,850 |
| 01/01/2037 | 12/31/2037 | | 2127 | \$108,477 | \$710,344 | \$818,821 |
| 01/01/2038 | 12/31/2038 | | 2136 | \$111,072 | \$728,219 | \$839,291 |
| 01/01/2039 | 12/31/2039 | | 2146 | \$115,884 | \$744,390 | \$860,274 |
| 01/01/2040 | 12/31/2040 | | 2155 | \$118,525 | \$763,255 | \$881,780 |
| 01/01/2041 | 12/31/2041 | | 2165 | \$121,240 | \$782,585 | \$903,825 |
| 01/01/2042 | 12/31/2042 | | 2169 | \$125,802 | \$800,619 | \$926,421 |
| 01/01/2043 | 12/31/2043 | | 2170 | \$128,030 | \$821,551 | \$949,581 |
| 01/01/2044 | 12/31/2044 | | 2174 | \$132,614 | \$840,707 | \$973,321 |
| 01/01/2045 | 12/31/2045 | | 2175 | \$134,850 | \$862,804 | \$997,654 |
| 01/01/2046 | 12/31/2046 | | 2177 | \$139,328 | \$883,267 | \$1,022,595 |
| 01/01/2047 | 12/31/2047 | | 2170 | \$141,050 | \$907,110 | \$1,048,160 |
| 01/01/2048 | 12/31/2048 | | 2165 | \$145,055 | \$929,309 | \$1,074,364 |
| 01/01/2049 | 12/31/2049 | | 2158 | \$148,902 | \$952,321 | \$1,101,223 |
| 01/01/2050 | 12/31/2050 | | 2152 | \$150,640 | \$978,114 | \$1,128,754 |
| 01/01/2051 | 12/31/2051 | | 2146 | \$154,512 | \$1,002,460 | \$1,156,972 |

TEMPLATE 5A - Sheet 5A-3

Baseline - Details for the "basic method" under § 4262.4(a)(1) for non-MPRA plans, or for the "increasing assets method" under § 4262.4(a)(2)(i) for MPRA plans for which the requested amount of SFA is determined under that method

See Template 4A instructions for Sheet 4A-4 or Sheet 4A-5, except provide the projection used to determine the Baseline SFA amount.

PLAN INFORMATION

| | |
|--|-----------------|
| Abbreviated Plan Name: | Alaska Plumbers |
| EIN: | 52-6103810 |
| PN: | 001 |
| MPRA Plan? | No |
| If a MPRA Plan, which method yields the greatest amount of SFA? | |
| SFA Measurement Date: | 12/31/2022 |
| Fair Market Value of Assets as of the SFA Measurement Date: | \$194,219,054 |
| SFA Amount as of the SFA Measurement Date under the method calculated in this Sheet: | \$45,466,290 |
| Non-SFA Interest Rate: | 5.85% |
| SFA Interest Rate: | 3.77% |

On this Sheet, show payments INTO the plan as positive amounts, and payments OUT of the plan as negative amounts.

| SFA Measurement Date / Plan Year Start Date | Plan Year End Date | (1) Contributions | (2) Withdrawal Liability Payments | (3) Other Payments to Plan (excluding financial assistance and SFA) | (4) Benefit Payments (should match total from Sheet 5A-1) | (5) Make-up Payments Attributable to Reinstatement of Benefits Suspended through the SFA Measurement Date | (6) Administrative Expenses (excluding amount owed PBGC under 4261 of ERISA; should match total from Sheet 5A-2) | (7) Benefit Payments (from (4) and (5)) and Administrative Expenses (from (6)) Paid from SFA Assets | (8) SFA Investment Income Based on SFA Interest Rate | (9) Projected SFA Assets at End of Plan Year (prior year assets + (7) + (8)) | (10) Benefit Payments (from (4) and (5)) and Administrative Expenses (from (6)) Paid from Non-SFA Assets | (11) Non-SFA Investment Income Based on Non-SFA Interest Rate | (12) Projected Non-SFA Assets at End of Plan Year (prior year assets + (1) + (2) + (3) + (10) + (11)) |
|---|--------------------|----------------------|--------------------------------------|--|--|--|---|--|---|---|---|--|--|
| 12/31/2022 | 12/31/2022 | | | | | | | | | \$40,655,630 | | | \$194,219,054 |
| 01/01/2023 | 12/31/2023 | \$14,150,000 | \$0 | \$0 | -\$29,651,730 | \$0 | -\$579,502 | -\$30,231,232 | \$1,149,492 | \$16,384,551 | \$0 | \$11,769,820 | \$220,138,874 |
| 01/01/2024 | 12/31/2024 | \$14,175,000 | \$0 | \$0 | -\$30,110,956 | \$0 | -\$593,989 | -\$16,384,551 | \$0 | \$0 | -\$14,320,394 | \$12,873,932 | \$232,867,412 |
| 01/01/2025 | 12/31/2025 | \$14,175,000 | \$0 | \$0 | -\$30,581,045 | \$0 | -\$608,839 | \$0 | \$0 | \$0 | -\$31,189,884 | \$13,132,131 | \$228,984,659 |
| 01/01/2026 | 12/31/2026 | \$14,175,000 | \$0 | \$0 | -\$30,970,670 | \$0 | -\$624,060 | \$0 | \$0 | \$0 | -\$31,594,730 | \$12,893,317 | \$224,458,246 |
| 01/01/2027 | 12/31/2027 | \$14,175,000 | \$0 | \$0 | -\$31,155,212 | \$0 | -\$639,662 | \$0 | \$0 | \$0 | -\$31,794,874 | \$12,622,751 | \$219,461,123 |
| 01/01/2028 | 12/31/2028 | \$14,175,000 | \$0 | \$0 | -\$31,219,554 | \$0 | -\$655,653 | \$0 | \$0 | \$0 | -\$31,875,207 | \$12,328,103 | \$214,089,019 |
| 01/01/2029 | 12/31/2029 | \$14,175,000 | \$0 | \$0 | -\$31,352,341 | \$0 | -\$672,044 | \$0 | \$0 | \$0 | -\$32,024,385 | \$12,009,533 | \$208,249,167 |
| 01/01/2030 | 12/31/2030 | \$14,175,000 | \$0 | \$0 | -\$31,459,387 | \$0 | -\$688,845 | \$0 | \$0 | \$0 | -\$32,148,232 | \$11,664,331 | \$201,940,265 |
| 01/01/2031 | 12/31/2031 | \$14,175,000 | \$0 | \$0 | -\$31,581,691 | \$0 | -\$706,067 | \$0 | \$0 | \$0 | -\$32,287,758 | \$11,291,237 | \$195,118,744 |
| 01/01/2032 | 12/31/2032 | \$14,175,000 | \$0 | \$0 | -\$31,623,176 | \$0 | -\$723,718 | \$0 | \$0 | \$0 | -\$32,346,894 | \$10,890,473 | \$187,837,323 |
| 01/01/2033 | 12/31/2033 | \$14,175,000 | \$0 | \$0 | -\$31,491,045 | \$0 | -\$741,811 | \$0 | \$0 | \$0 | -\$32,232,856 | \$10,467,798 | \$180,247,265 |
| 01/01/2034 | 12/31/2034 | \$14,175,000 | \$0 | \$0 | -\$31,260,637 | \$0 | -\$760,357 | \$0 | \$0 | \$0 | -\$32,020,994 | \$10,029,888 | \$172,431,159 |
| 01/01/2035 | 12/31/2035 | \$14,175,000 | \$0 | \$0 | -\$31,208,031 | \$0 | -\$779,365 | \$0 | \$0 | \$0 | -\$31,987,396 | \$9,573,615 | \$164,192,378 |
| 01/01/2036 | 12/31/2036 | \$14,175,000 | \$0 | \$0 | -\$30,911,489 | \$0 | -\$798,850 | \$0 | \$0 | \$0 | -\$31,710,339 | \$9,099,635 | \$155,756,674 |
| 01/01/2037 | 12/31/2037 | \$14,175,000 | \$0 | \$0 | -\$30,577,899 | \$0 | -\$818,821 | \$0 | \$0 | \$0 | -\$31,396,720 | \$8,615,189 | \$147,150,144 |
| 01/01/2038 | 12/31/2038 | \$14,175,000 | \$0 | \$0 | -\$30,157,271 | \$0 | -\$839,291 | \$0 | \$0 | \$0 | -\$30,996,562 | \$8,123,246 | \$138,451,827 |
| 01/01/2039 | 12/31/2039 | \$14,175,000 | \$0 | \$0 | -\$29,835,600 | \$0 | -\$860,274 | \$0 | \$0 | \$0 | -\$30,695,874 | \$7,623,064 | \$129,554,018 |
| 01/01/2040 | 12/31/2040 | \$14,175,000 | \$0 | \$0 | -\$29,484,459 | \$0 | -\$881,780 | \$0 | \$0 | \$0 | -\$30,366,239 | \$7,112,047 | \$120,474,825 |
| 01/01/2041 | 12/31/2041 | \$14,175,000 | \$0 | \$0 | -\$29,214,782 | \$0 | -\$903,825 | \$0 | \$0 | \$0 | -\$30,118,607 | \$6,588,055 | \$111,119,273 |
| 01/01/2042 | 12/31/2042 | \$14,175,000 | \$0 | \$0 | -\$28,846,427 | \$0 | -\$926,421 | \$0 | \$0 | \$0 | -\$29,772,848 | \$6,050,725 | \$101,572,150 |
| 01/01/2043 | 12/31/2043 | \$14,175,000 | \$0 | \$0 | -\$28,546,382 | \$0 | -\$949,581 | \$0 | \$0 | \$0 | -\$29,495,963 | \$5,500,202 | \$91,751,389 |
| 01/01/2044 | 12/31/2044 | \$14,175,000 | \$0 | \$0 | -\$28,221,848 | \$0 | -\$973,321 | \$0 | \$0 | \$0 | -\$29,195,169 | \$4,934,360 | \$81,665,580 |
| 01/01/2045 | 12/31/2045 | \$14,175,000 | \$0 | \$0 | -\$27,893,230 | \$0 | -\$997,654 | \$0 | \$0 | \$0 | -\$28,890,884 | \$4,353,114 | \$71,302,811 |
| 01/01/2046 | 12/31/2046 | \$14,175,000 | \$0 | \$0 | -\$27,604,391 | \$0 | -\$1,022,595 | \$0 | \$0 | \$0 | -\$28,626,986 | \$3,754,502 | \$60,605,326 |
| 01/01/2047 | 12/31/2047 | \$14,175,000 | \$0 | \$0 | -\$27,541,925 | \$0 | -\$1,048,160 | \$0 | \$0 | \$0 | -\$28,590,085 | \$3,129,763 | \$49,320,004 |
| 01/01/2048 | 12/31/2048 | \$14,175,000 | \$0 | \$0 | -\$27,299,051 | \$0 | -\$1,074,364 | \$0 | \$0 | \$0 | -\$28,373,415 | \$2,475,819 | \$37,597,409 |
| 01/01/2049 | 12/31/2049 | \$14,175,000 | \$0 | \$0 | -\$26,950,519 | \$0 | -\$1,101,223 | \$0 | \$0 | \$0 | -\$28,051,742 | \$1,799,322 | \$25,519,989 |
| 01/01/2050 | 12/31/2050 | \$14,175,000 | \$0 | \$0 | -\$26,628,032 | \$0 | -\$1,128,754 | \$0 | \$0 | \$0 | -\$27,756,786 | \$1,101,298 | \$13,039,502 |
| 01/01/2051 | 12/31/2051 | \$14,175,000 | \$0 | \$0 | -\$26,433,514 | \$0 | -\$1,156,972 | \$0 | \$0 | \$0 | -\$27,590,486 | \$375,985 | \$0 |

TEMPLATE 6A

v20220802p

Reconciliation - for non-MPRA plans using the "basic method", or for MPRA plans for which the requested amount of SFA is determined under the "increasing assets method"

File name: *Template 6A Plan Name*, where "Plan Name" is an abbreviated version of the plan name.

Instructions for Section C, Item (6) of the Instructions for Filing Requirements for Multiemployer Plans Applying for Special Financial Assistance:

This Template 6A is not required if all assumptions and methods used to determine the requested SFA amount are identical to those used in the most recent actuarial certification of plan status completed before 1/1/2021 ("pre-2021 certification of plan status"), except the non-SFA and SFA interest rates, and except any assumptions changed in accordance with Section III, Acceptable Assumption Changes, in PBGC's SFA assumptions guidance (other than the acceptable assumption change for "missing" terminated vested participants described in Section III.E of PBGC's SFA assumptions guidance).

This Template 6A is also not required if the requested SFA amount from Template 4A is the same as the SFA amount shown in Template 5A (Baseline).

If the assumptions/methods used to determine the requested SFA amount differ from those in the "Baseline" projection in Template 5A, then provide a reconciliation of the change in the total amount of SFA due to each change in assumption/method from the Baseline to the requested SFA as shown in Template 4A.

For each assumption/method change from the Baseline through the requested SFA amount, provide a deterministic projection using the same calculation methodology used to determine the requested SFA amount, in the same format as Template 4A (either Sheet 4A-4 or Sheet 4A-5).

Additional instructions for each individual worksheet:

Sheet

6A-1 Reconciliation - Summary for the "basic method", or for MPRA plans for which the requested amount of SFA is determined under the "increasing assets method"

For Item number 1, show the SFA amount determined in Template 5A using the "Baseline" assumptions and methods. If there is only one change in assumptions/methods between the Baseline (Template 5A) and the requested SFA amount (Template 4A), then show on Item number 2 the requested SFA amount, and briefly identify the change in assumptions from the Baseline.

If there is more than one change in assumptions/methods from the Baseline, show each individual change as a separate Item number. Each Item number should reflect all changes already measured in the prior Item number. For example, the difference between the SFA amount shown for Item number 4 and Item number 5 should be the incremental change due to changing the identified single assumption/method. The Item numbers should show assumption/method changes in the order that they were incrementally measured.

6A-2 Reconciliation - Details for the "basic method" under § 4262.4(a)(1) for non-MPRA plans, or for the "increasing assets method" under § 4262.4(a)(2)(i) for MPRA plans for which the requested amount of SFA is determined under that method

For non-MPRA plans, see Template 4A instructions for Sheet 4A-4, except provide the projection used to determine the intermediate Item number 2 SFA amount from Sheet 6A-1 under the "basic method" described in § 4262.4(a)(1). Unlike Sheet 4A-4, it is not necessary to explicitly identify the projected SFA exhaustion year in Sheet 6A-2.

For MPRA plans for which the requested amount of SFA is determined under the "increasing assets method", see Template 4A instructions for Sheet 4A-5, except provide the projection used to determine each intermediate SFA amount from Sheet 6A-1 under the "increasing assets method" described in § 4262.4(a)(2)(i). Unlike Sheet 4A-5, it is not necessary to explicitly identify the projected SFA exhaustion year in Sheet 6A-2.

A Reconciliation Details sheet is not needed for the last Item number shown in the Sheet 6A-1 Reconciliation, since the information should be the same as shown in Template 4A. For example, if there is only one assumption change from the Baseline, then Item number 2 should identify what assumption changed between the Baseline and Item number 2, where Item number 2 is the requested SFA amount. Since details on the determination of the requested SFA amount are shown in Template 4A, a separate Sheet 6A-2 Reconciliation Details is not required here.

6A-3 Reconciliation - Details for the "basic method" under § 4262.4(a)(1) for non-MPRA plans, or for the "increasing assets method" under § 4262.4(a)(2)(i) for MPRA plans for which the requested amount of SFA is determined under that method

See instructions for 6A-2 Reconciliation Details, except for the intermediate Item number 3 SFA amount from Sheet 6A-1.

6A-4 Reconciliation - Details for the "basic method" under § 4262.4(a)(1) for non-MPRA plans, or for the "increasing assets method" under § 4262.4(a)(2)(i) for MPRA plans for which the requested amount of SFA is determined under that method

See instructions for 6A-2 Reconciliation Details, except for the intermediate Item number 4 SFA amount from Sheet 6A-1.

6A-5 Reconciliation - Details for the "basic method" under § 4262.4(a)(1) for non-MPRA plans, or for the "increasing assets method" under § 4262.4(a)(2)(i) for MPRA plans for which the requested amount of SFA is determined under that method

See instructions for 6A-2 Reconciliation Details, except for the intermediate Item number 5 SFA amount from Sheet 6A-1.

Version Updates (newest version at top)

| Version | Date updated | |
|------------|--------------|--|
| v20220802p | 08/02/2022 | Cosmetic changes to increase the size of some rows |
| v20220701p | 07/01/2022 | |

TEMPLATE 6A - Sheet 6A-1

Reconciliation - Summary for the "basic method", or for MPRA plans for which the requested amount of SFA is determined under the "increasing assets method"

See Template 6A Instructions for Additional Instructions for Sheet 6A-1.

PLAN INFORMATION

| | |
|---|-----------------|
| Abbreviated Plan Name: | Alaska Plumbers |
| EIN: | 52-6103810 |
| PN: | 001 |
| MPRA Plan? | No |
| If a MPRA Plan, which method yields the greatest amount of SFA? | |

| Item number | Basis for Assumptions/Methods. For each Item, briefly describe the incremental change reflected in the SFA amount. | Change in SFA Amount (from prior Item number) | SFA Amount | |
|-------------|--|---|---------------|--|
| 1 | Baseline | N/A | \$45,466,290 | NOTE: A sheet with Recon Details is not required for the last Item number provided, since that information should be the same as provided in Template 4A. From Template 5A. |
| 2 | Administrative expenses | \$2,105,827 | \$47,572,117 | Show details supporting the SFA amount on Sheet 6A-2. |
| 3 | Withdrawal Liability Payments | (\$4,486,201) | \$43,085,916 | Show details supporting the SFA amount on Sheet 6A-3. |
| 4 | Assumed future contribution base units (CBUs) / contributory hours | \$57,469,207 | \$100,555,123 | Show details supporting the SFA amount on Sheet 6A-4. |
| 5 | | | | Show details supporting the SFA amount on Sheet 6A-5. |

Create additional rows as needed, and create additional detailed sheets by copying Sheet 6A-5 and re-labeling the header and the sheet name to be 6A-6, 6A-7, etc.

TEMPLATE 6A - Sheet 6A-2

| | |
|-------------------------------|-------------------------|
| Item Description (from 6A-1): | Administrative Expenses |
|-------------------------------|-------------------------|

Reconciliation - Details for the "basic method" under § 4262.4(a)(1) for non-MPRA plans, or for the "increasing assets method" under § 4262.4(a)(2)(i) for MPRA plans for which the requested amount of SFA is determined under that method

See Template 4A instructions for Sheet 4A-4 or Sheet 4A-5, except provide the projection used to determine the intermediate SFA amount.

PLAN INFORMATION

| | |
|--|-----------------|
| Abbreviated Plan Name: | Alaska Plumbers |
| EIN: | 52-6103810 |
| PN: | 001 |
| MPRA Plan? | No |
| If a MPRA Plan, which method yields the greatest amount of SFA? | |
| SFA Measurement Date: | 12/31/2022 |
| Fair Market Value of Assets as of the SFA Measurement Date: | \$194,219,054 |
| SFA Amount as of the SFA Measurement Date under the method calculated in this Sheet: | \$47,572,117 |
| Non-SFA Interest Rate: | 5.85% |
| SFA Interest Rate: | 3.77% |

On this Sheet, show payments INTO the plan as positive amounts, and payments OUT of the plan as negative amounts.

| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
|---|--------------------|---------------|-------------------------------|---|------------------|---|--|---|--|--|---|--|--|
| | | Contributions | Withdrawal Liability Payments | Other Payments to Plan (excluding financial assistance and SFA) | Benefit Payments | Make-up Payments Attributable to Reinstatement of Benefits Suspended through the SFA Measurement Date | Administrative Expenses (excluding amount owed PBGC under 4261 of ERISA) | Benefit Payments (from (4) and (5)) and Administrative Expenses (from (6)) Paid from SFA Assets | SFA Investment Income Based on SFA Interest Rate | Projected SFA Assets at End of Plan Year (prior year assets + (7) + (8)) | Benefit Payments (from (4) and (5)) and Administrative Expenses (from (6)) Paid from Non-SFA Assets | Non-SFA Investment Income Based on Non-SFA Interest Rate | Projected Non-SFA Assets at End of Plan Year (prior year assets + (1) + (2) + (3) + (10) + (11)) |
| SFA Measurement Date / Plan Year Start Date | Plan Year End Date | | | | | | | | | | | | |
| 12/31/2022 | 12/31/2022 | | | | | | | | | \$42,786,068 | | | \$194,219,054 |
| 01/01/2023 | 12/31/2023 | \$14,150,000 | \$0 | \$0 | -\$29,651,730 | \$0 | -\$765,160 | -\$30,416,890 | \$1,225,415 | \$18,380,641 | \$0 | \$11,769,820 | \$220,138,874 |
| 01/01/2024 | 12/31/2024 | \$14,175,000 | \$0 | \$0 | -\$30,110,956 | \$0 | -\$782,906 | -\$18,380,641 | \$0 | \$0 | -\$12,513,221 | \$12,926,040 | \$234,726,693 |
| 01/01/2025 | 12/31/2025 | \$14,175,000 | \$0 | \$0 | -\$30,581,045 | \$0 | -\$699,979 | \$0 | \$0 | \$0 | -\$31,281,024 | \$13,238,271 | \$230,858,941 |
| 01/01/2026 | 12/31/2026 | \$14,175,000 | \$0 | \$0 | -\$30,970,670 | \$0 | -\$717,478 | \$0 | \$0 | \$0 | -\$31,688,148 | \$13,000,269 | \$226,346,061 |
| 01/01/2027 | 12/31/2027 | \$14,175,000 | \$0 | \$0 | -\$31,155,212 | \$0 | -\$735,415 | \$0 | \$0 | \$0 | -\$31,890,627 | \$12,730,427 | \$221,360,861 |
| 01/01/2028 | 12/31/2028 | \$14,175,000 | \$0 | \$0 | -\$31,219,554 | \$0 | -\$753,801 | \$0 | \$0 | \$0 | -\$31,973,355 | \$12,436,407 | \$215,998,914 |
| 01/01/2029 | 12/31/2029 | \$14,175,000 | \$0 | \$0 | -\$31,352,341 | \$0 | -\$772,646 | \$0 | \$0 | \$0 | -\$32,124,987 | \$12,118,361 | \$210,167,288 |
| 01/01/2030 | 12/31/2030 | \$14,175,000 | \$0 | \$0 | -\$31,459,387 | \$0 | -\$791,962 | \$0 | \$0 | \$0 | -\$32,251,349 | \$11,773,568 | \$203,864,507 |
| 01/01/2031 | 12/31/2031 | \$14,175,000 | \$0 | \$0 | -\$31,581,691 | \$0 | -\$828,790 | \$0 | \$0 | \$0 | -\$32,410,481 | \$11,400,266 | \$197,029,293 |
| 01/01/2032 | 12/31/2032 | \$14,175,000 | \$0 | \$0 | -\$31,623,176 | \$0 | -\$849,854 | \$0 | \$0 | \$0 | -\$32,473,030 | \$10,998,603 | \$189,729,865 |
| 01/01/2033 | 12/31/2033 | \$14,175,000 | \$0 | \$0 | -\$31,491,045 | \$0 | -\$873,529 | \$0 | \$0 | \$0 | -\$32,364,574 | \$10,574,714 | \$182,115,004 |
| 01/01/2034 | 12/31/2034 | \$14,175,000 | \$0 | \$0 | -\$31,260,637 | \$0 | -\$895,376 | \$0 | \$0 | \$0 | -\$32,156,013 | \$10,135,258 | \$174,269,250 |
| 01/01/2035 | 12/31/2035 | \$14,175,000 | \$0 | \$0 | -\$31,208,031 | \$0 | -\$917,896 | \$0 | \$0 | \$0 | -\$32,125,927 | \$9,677,149 | \$165,995,472 |
| 01/01/2036 | 12/31/2036 | \$14,175,000 | \$0 | \$0 | -\$30,911,489 | \$0 | -\$942,877 | \$0 | \$0 | \$0 | -\$31,854,366 | \$9,200,963 | \$157,517,069 |
| 01/01/2037 | 12/31/2037 | \$14,175,000 | \$0 | \$0 | -\$30,577,899 | \$0 | -\$966,225 | \$0 | \$0 | \$0 | -\$31,544,124 | \$8,713,922 | \$148,861,867 |
| 01/01/2038 | 12/31/2038 | \$14,175,000 | \$0 | \$0 | -\$30,157,271 | \$0 | -\$992,002 | \$0 | \$0 | \$0 | -\$31,149,273 | \$8,218,978 | \$140,106,573 |
| 01/01/2039 | 12/31/2039 | \$14,175,000 | \$0 | \$0 | -\$29,835,600 | \$0 | -\$1,016,257 | \$0 | \$0 | \$0 | -\$30,851,857 | \$7,715,369 | \$131,145,085 |
| 01/01/2040 | 12/31/2040 | \$14,175,000 | \$0 | \$0 | -\$29,484,459 | \$0 | -\$1,043,160 | \$0 | \$0 | \$0 | -\$30,527,619 | \$7,200,471 | \$121,992,937 |
| 01/01/2041 | 12/31/2041 | \$14,175,000 | \$0 | \$0 | -\$29,214,782 | \$0 | -\$1,070,718 | \$0 | \$0 | \$0 | -\$30,285,500 | \$6,672,052 | \$112,554,489 |
| 01/01/2042 | 12/31/2042 | \$14,175,000 | \$0 | \$0 | -\$28,846,427 | \$0 | -\$1,096,296 | \$0 | \$0 | \$0 | -\$29,942,723 | \$6,129,786 | \$102,916,553 |
| 01/01/2043 | 12/31/2043 | \$14,175,000 | \$0 | \$0 | -\$28,546,382 | \$0 | -\$1,124,424 | \$0 | \$0 | \$0 | -\$29,670,806 | \$5,573,808 | \$92,994,554 |
| 01/01/2044 | 12/31/2044 | \$14,175,000 | \$0 | \$0 | -\$28,221,848 | \$0 | -\$1,153,365 | \$0 | \$0 | \$0 | -\$29,375,213 | \$5,001,894 | \$82,796,235 |
| 01/01/2045 | 12/31/2045 | \$14,175,000 | \$0 | \$0 | -\$27,893,230 | \$0 | -\$1,180,533 | \$0 | \$0 | \$0 | -\$29,073,763 | \$4,413,984 | \$72,311,456 |
| 01/01/2046 | 12/31/2046 | \$14,175,000 | \$0 | \$0 | -\$27,604,391 | \$0 | -\$1,210,577 | \$0 | \$0 | \$0 | -\$28,814,968 | \$3,808,087 | \$61,479,575 |
| 01/01/2047 | 12/31/2047 | \$14,175,000 | \$0 | \$0 | -\$27,541,925 | \$0 | -\$1,240,575 | \$0 | \$0 | \$0 | -\$28,782,500 | \$3,175,358 | \$50,047,433 |
| 01/01/2048 | 12/31/2048 | \$14,175,000 | \$0 | \$0 | -\$27,299,051 | \$0 | -\$1,271,357 | \$0 | \$0 | \$0 | -\$28,570,408 | \$2,512,693 | \$38,164,719 |
| 01/01/2049 | 12/31/2049 | \$14,175,000 | \$0 | \$0 | -\$26,950,519 | \$0 | -\$1,302,628 | \$0 | \$0 | \$0 | -\$28,253,147 | \$1,826,703 | \$25,913,275 |
| 01/01/2050 | 12/31/2050 | \$14,175,000 | \$0 | \$0 | -\$26,628,032 | \$0 | -\$1,334,642 | \$0 | \$0 | \$0 | -\$27,962,674 | \$1,118,369 | \$13,243,970 |
| 01/01/2051 | 12/31/2051 | \$14,175,000 | \$0 | \$0 | -\$26,433,514 | \$0 | -\$1,367,336 | \$0 | \$0 | \$0 | -\$27,800,850 | \$381,880 | \$0 |

TEMPLATE 6A - Sheet 6A-2

| | |
|-------------------------------|-------------------------------|
| Item Description (from 6A-1): | Withdrawal Liability Payments |
|-------------------------------|-------------------------------|

v20220802p

Reconciliation - Details for the "basic method" under § 4262.4(a)(1) for non-MPRA plans, or for the "increasing assets method" under § 4262.4(a)(2)(i) for MPRA plans for which the requested amount of SFA is determined under that method

See Template 4A instructions for Sheet 4A-4 or Sheet 4A-5, except provide the projection used to determine the intermediate SFA amount.

PLAN INFORMATION

| | |
|--|-----------------|
| Abbreviated Plan Name: | Alaska Plumbers |
| EIN: | 52-6103810 |
| PN: | 001 |
| MPRA Plan? | No |
| If a MPRA Plan, which method yields the greatest amount of SFA? | |
| SFA Measurement Date: | 12/31/2022 |
| Fair Market Value of Assets as of the SFA Measurement Date: | \$194,219,054 |
| SFA Amount as of the SFA Measurement Date under the method calculated in this Sheet: | \$43,085,916 |
| Non-SFA Interest Rate: | 5.85% |
| SFA Interest Rate: | 3.77% |

On this Sheet, show payments INTO the plan as positive amounts, and payments OUT of the plan as negative amounts.

| SFA Measurement Date / Plan Year Start Date | Plan Year End Date | (1) Contributions | (2) Withdrawal Liability Payments | (3) Other Payments to Plan (excluding financial assistance and SFA) | (4) Benefit Payments | (5) Make-up Payments Attributable to Reinstatement of Benefits Suspended through the SFA Measurement Date | (6) Administrative Expenses (excluding amount owed PBGC under 4261 of ERISA) | (7) Benefit Payments (from (4) and (5)) and Administrative Expenses (from (6)) Paid from SFA Assets | (8) SFA Investment Income Based on SFA Interest Rate | (9) Projected SFA Assets at End of Plan Year (prior year assets + (7) + (8)) | (10) Benefit Payments (from (4) and (5)) and Administrative Expenses (from (6)) Paid from Non-SFA Assets | (11) Non-SFA Investment Income Based on Non-SFA Interest Rate | (12) Projected Non-SFA Assets at End of Plan Year (prior year assets + (1) + (2) + (3) + (10) + (11)) |
|---|--------------------|----------------------|--------------------------------------|--|-------------------------|--|---|--|---|---|---|--|--|
| 12/31/2022 | 12/31/2022 | | | | | | | | | \$42,543,061 | | | \$194,219,054 |
| 01/01/2023 | 12/31/2023 | \$14,150,000 | \$238,232 | \$0 | -\$29,651,730 | \$0 | -\$765,160 | -\$30,416,890 | \$1,056,285 | \$13,725,311 | \$0 | \$11,776,689 | \$220,383,975 |
| 01/01/2024 | 12/31/2024 | \$14,175,000 | \$619,064 | \$0 | -\$30,110,956 | \$0 | -\$782,906 | -\$13,725,311 | \$0 | \$0 | -\$17,168,551 | \$12,823,996 | \$230,833,484 |
| 01/01/2025 | 12/31/2025 | \$14,175,000 | \$825,419 | \$0 | -\$30,581,045 | \$0 | -\$699,979 | \$0 | \$0 | \$0 | -\$31,281,024 | \$13,034,319 | \$227,587,199 |
| 01/01/2026 | 12/31/2026 | \$14,175,000 | \$825,419 | \$0 | -\$30,970,670 | \$0 | -\$717,478 | \$0 | \$0 | \$0 | -\$31,688,148 | \$12,832,672 | \$223,732,141 |
| 01/01/2027 | 12/31/2027 | \$14,175,000 | \$816,004 | \$0 | -\$31,155,212 | \$0 | -\$735,415 | \$0 | \$0 | \$0 | -\$31,890,627 | \$12,601,042 | \$219,433,559 |
| 01/01/2028 | 12/31/2028 | \$14,175,000 | \$725,326 | \$0 | -\$31,219,554 | \$0 | -\$753,801 | \$0 | \$0 | \$0 | -\$31,973,355 | \$12,344,575 | \$214,705,105 |
| 01/01/2029 | 12/31/2029 | \$14,175,000 | \$262,047 | \$0 | -\$31,352,341 | \$0 | -\$772,646 | \$0 | \$0 | \$0 | -\$32,124,987 | \$12,050,229 | \$209,067,395 |
| 01/01/2030 | 12/31/2030 | \$14,175,000 | \$241,958 | \$0 | -\$31,459,387 | \$0 | -\$791,962 | \$0 | \$0 | \$0 | -\$32,251,349 | \$11,716,201 | \$202,949,204 |
| 01/01/2031 | 12/31/2031 | \$14,175,000 | \$241,958 | \$0 | -\$31,581,691 | \$0 | -\$828,790 | \$0 | \$0 | \$0 | -\$32,410,481 | \$11,353,698 | \$196,309,379 |
| 01/01/2032 | 12/31/2032 | \$14,175,000 | \$180,838 | \$0 | -\$31,623,176 | \$0 | -\$849,854 | \$0 | \$0 | \$0 | -\$32,473,030 | \$10,961,702 | \$189,153,889 |
| 01/01/2033 | 12/31/2033 | \$14,175,000 | \$117,772 | \$0 | -\$31,491,045 | \$0 | -\$873,529 | \$0 | \$0 | \$0 | -\$32,364,574 | \$10,544,415 | \$181,626,502 |
| 01/01/2034 | 12/31/2034 | \$14,175,000 | \$117,772 | \$0 | -\$31,260,637 | \$0 | -\$895,376 | \$0 | \$0 | \$0 | -\$32,156,013 | \$10,110,076 | \$173,873,337 |
| 01/01/2035 | 12/31/2035 | \$14,175,000 | \$117,772 | \$0 | -\$31,208,031 | \$0 | -\$917,896 | \$0 | \$0 | \$0 | -\$32,125,927 | \$9,657,384 | \$165,697,566 |
| 01/01/2036 | 12/31/2036 | \$14,175,000 | \$117,772 | \$0 | -\$30,911,489 | \$0 | -\$942,877 | \$0 | \$0 | \$0 | -\$31,854,366 | \$9,186,931 | \$157,322,903 |
| 01/01/2037 | 12/31/2037 | \$14,175,000 | \$117,772 | \$0 | -\$30,577,899 | \$0 | -\$966,225 | \$0 | \$0 | \$0 | -\$31,544,124 | \$8,705,959 | \$148,777,510 |
| 01/01/2038 | 12/31/2038 | \$14,175,000 | \$86,790 | \$0 | -\$30,157,271 | \$0 | -\$992,002 | \$0 | \$0 | \$0 | -\$31,149,273 | \$8,216,546 | \$140,106,573 |
| 01/01/2039 | 12/31/2039 | \$14,175,000 | \$0 | \$0 | -\$29,835,600 | \$0 | -\$1,016,257 | \$0 | \$0 | \$0 | -\$30,851,857 | \$7,715,369 | \$131,145,085 |
| 01/01/2040 | 12/31/2040 | \$14,175,000 | \$0 | \$0 | -\$29,484,459 | \$0 | -\$1,043,160 | \$0 | \$0 | \$0 | -\$30,527,619 | \$7,200,471 | \$121,992,937 |
| 01/01/2041 | 12/31/2041 | \$14,175,000 | \$0 | \$0 | -\$29,214,782 | \$0 | -\$1,070,718 | \$0 | \$0 | \$0 | -\$30,285,500 | \$6,672,052 | \$112,554,489 |
| 01/01/2042 | 12/31/2042 | \$14,175,000 | \$0 | \$0 | -\$28,846,427 | \$0 | -\$1,096,296 | \$0 | \$0 | \$0 | -\$29,942,723 | \$6,129,786 | \$102,916,553 |
| 01/01/2043 | 12/31/2043 | \$14,175,000 | \$0 | \$0 | -\$28,546,382 | \$0 | -\$1,124,424 | \$0 | \$0 | \$0 | -\$29,670,806 | \$5,573,808 | \$92,994,554 |
| 01/01/2044 | 12/31/2044 | \$14,175,000 | \$0 | \$0 | -\$28,221,848 | \$0 | -\$1,153,365 | \$0 | \$0 | \$0 | -\$29,375,213 | \$5,001,894 | \$82,796,235 |
| 01/01/2045 | 12/31/2045 | \$14,175,000 | \$0 | \$0 | -\$27,893,230 | \$0 | -\$1,180,533 | \$0 | \$0 | \$0 | -\$29,073,763 | \$4,413,984 | \$72,311,456 |
| 01/01/2046 | 12/31/2046 | \$14,175,000 | \$0 | \$0 | -\$27,604,391 | \$0 | -\$1,210,577 | \$0 | \$0 | \$0 | -\$28,814,968 | \$3,808,087 | \$61,479,575 |
| 01/01/2047 | 12/31/2047 | \$14,175,000 | \$0 | \$0 | -\$27,541,925 | \$0 | -\$1,240,575 | \$0 | \$0 | \$0 | -\$28,782,500 | \$3,175,358 | \$50,047,433 |
| 01/01/2048 | 12/31/2048 | \$14,175,000 | \$0 | \$0 | -\$27,299,051 | \$0 | -\$1,271,357 | \$0 | \$0 | \$0 | -\$28,570,408 | \$2,512,693 | \$38,164,719 |
| 01/01/2049 | 12/31/2049 | \$14,175,000 | \$0 | \$0 | -\$26,950,519 | \$0 | -\$1,302,628 | \$0 | \$0 | \$0 | -\$28,253,147 | \$1,826,703 | \$25,913,275 |
| 01/01/2050 | 12/31/2050 | \$14,175,000 | \$0 | \$0 | -\$26,628,032 | \$0 | -\$1,334,642 | \$0 | \$0 | \$0 | -\$27,962,674 | \$1,118,369 | \$13,243,970 |
| 01/01/2051 | 12/31/2051 | \$14,175,000 | \$0 | \$0 | -\$26,433,514 | \$0 | -\$1,367,336 | \$0 | \$0 | \$0 | -\$27,800,850 | \$381,880 | \$0 |

v20220701p

Version Updates

| Version | Date updated |
|------------|--------------|
| v20220701p | 07/01/2022 |

TEMPLATE 7

v20220701p

7a - Assumption/Method Changes for SFA Eligibility

File name: *Template 7 Plan Name*, where "Plan Name" is an abbreviated version of the plan name.

Instructions for Section C, Item (7)a. of the Instructions for Filing Requirements for Multiemployer Plans Applying for Special Financial Assistance:

Sheet 7a of Template 7 is not required if the plan is eligible for SFA under § 4262.3(a)(2) (MPRA suspensions) or § 4262.3(a)(4) (certain insolvent plans) of PBGC's special financial assistance regulation.

Sheet 7a of Template 7 is not required if the plan is eligible based on a certification of plan status completed before January 1, 2021.

Sheet 7a of Template 7 is not required if the plan is eligible based on a certification of plan status completed after December 31, 2020 but reflects the same assumptions as those in the pre-2021 certification of plan status.

Provide a table identifying which assumptions/methods used in determining the plan's eligibility for SFA differ from those used in the pre-2021 certification of plan status and brief explanations as to why using those assumptions/methods is no longer reasonable and why the changed assumptions/methods are reasonable.

This table should identify all changed assumptions/methods (including those that are reflected in the Baseline provided in Template 5A or Template 5B) and should be an abbreviated version of information provided in Section D, Item (6)a. of the SFA filing instructions.

For example, if the mortality assumption used in the pre-2021 certification of plan status is the RP-2000 mortality table, and the plan proposes to change to the Pri-2012(BC) table, complete one line of the table as follows:

| | (A) | (B) | (C) |
|--|---|--|--|
| Assumption/Method That Has Changed From Assumption/Method Used in Most Recent Certification of Plan Status Completed Prior to 1/1/2021 | Brief description of assumption/method used in the most recent certification of plan status completed prior to 1/1/2021 | Brief description of assumption/method used in showing the plan's eligibility for SFA (if different) | Brief explanation on why the assumption/method in (A) is no longer reasonable and why the assumption/method in (B) is reasonable |
| Base Mortality Assumption | RP-2000 mortality table | Pri-2012(BC) mortality table | Prior assumption is outdated. New assumption reflects more recently published experience for blue collar workers. |

Add one line for each assumption/method that has changed from that used in the most recent certification of plan status completed prior to 1/1/2021.

Since this Template 7a is intended as an abbreviated version of more detailed information provided in Section D, Item (6)a. of the SFA filing instructions, it is not necessary to include full tables of rates at every age (e.g., for retirement, turnover, etc.). Instead, a high level description that focuses on what aspect of the assumption/method has changed is preferred.

Template 7 - Sheet 7a

v20220701p

Assumption/Method Changes - SFA Eligibility

PLAN INFORMATION

| | | |
|------------------------|-----------------|--|
| Abbreviated Plan Name: | Alaska Plumbers | |
| EIN: | 52-6103810 | |
| PN: | 001 | |

| | |
|--|--|
| Brief description of basis for qualifying for SFA (e.g., critical and declining status in 2020, insolvent plan, critical status and meet other criteria) | Critical in 2022 and meet other criteria |
|--|--|

| | (A) | (B) | (C) |
|--|---|---|--|
| Assumption/Method That Has Changed From Assumption/Method Used in Most Recent Certification of Plan Status Completed Prior to 1/1/2021 | Brief description of assumption/method used in the most recent certification of plan status completed prior to 1/1/2021 | Brief description of assumption/method used in showing the plan's eligibility for SFA (if different) | Brief explanation on why the assumption/method in (A) is no longer reasonable and why the assumption/method in (B) is reasonable |
| Assumed future contribution base units (CBUs) / contributory hours | For the 2020 plan year: 1,175,000 hours For each subsequent year: 1,250,000 hours | CBUs used in 2022 certification: Future annual hours worked will be 925,000 for 2022, declining 10,000 hours per year until 2027, after which point hours will remain level at 875,000 hours per year. | The original assumption anticipated an influx of hours based on a speculative change in industry trend that did not ultimately occur. The updated assumption reflects the Plan's actual experience through the 2022 certification date, including the Trustees' input on projected industry activity for purposes of the 2022 PPA certification. Assumption is consistent with that used for the Plan's 2022 actuarial certification of zone status. |
| Contribution Rates | Reflected hours-weighted average contribution rate from 2019 valuation census data with projected average contribution rates for the total Plan based on bargaining agreements as of March 31, 2020. | Reflect hours-weighted average contribution rate from 2021 valuation census data with projected average contribution rates for the total Plan for what was bargained as of July 9, 2021. | Original did not reflect all bargained contributions as of July 9, 2021. The updated assumption reflects the contribution rates in the Plan's collective bargaining agreements as of July 9, 2021, and the census data upon which the certification was based. Assumption is consistent with that used for the Plan's 2022 actuarial certification of zone status. |
| Withdrawal Liability Payments | No future withdrawal liability payments | Known withdrawal liability payments during 2021 and 2022 | Updated assumption reflects all withdrawal liability activity through the certification date. Assumption is consistent with that used for the Plan's 2022 actuarial certification of zone status. |
| Mortality and Mortality Improvement | Healthy base tables: RP-2006 mortality table with blue collar adjustment, set forward 2 years Disabled base tables: RP-2006 disabled mortality table, set forward 2 years with Projection scale: Generational projection at 75% of the ultimate rates specified in the MP-2017 projection scale | Healthy base table: Pri-2012 amount-weighted blue-collar tables, set forward one year Disabled base tables: Pri-2012 amount-weighted disabled tables, set forward one year Projection scale: 50% of the rates specified in the MP-2020 projection scale | Original assumption is outdated. New assumption based on a more recent study, which also included significantly more multiemployer pension plan experience. Assumption is consistent with that used for the Plan's 2022 actuarial certification of zone status. |

TEMPLATE 7

v20220701p

7b - Assumption/Method Changes for SFA Amount

File name: *Template 7 Plan Name*, where "Plan Name" is an abbreviated version of the plan name.

Instructions for Section C, Item (7)b. of the Instructions for Filing Requirements for Multiemployer Plans Applying for Special Financial Assistance:

Provide a table identifying which assumptions/methods used in determining the amount of SFA differ from those used in the pre-2021 certification of plan status (except the non-SFA and SFA interest rates) and brief explanations as to why using those original assumptions/methods is no longer reasonable and why the changed assumptions/methods are reasonable.

Please state if the changed assumption is an extension of the CBU assumption or the administrative expenses assumption as described in Paragraph A "Adoption of assumptions not previously factored into pre-2021 certification of plan status" of Section III, Acceptable Assumption Changes of PBGC's guidance on Special Financial Assistance Assumptions.

This table should identify all changed assumptions/methods except for the interest rates (including those that are reflected in the Baseline provided in Template 5A or Template 5B) and should be an abbreviated version of information provided in Section D, Item (6)b. of the SFA filing instructions.

For example, if the mortality assumption used in the pre-2021 certification of plan status is the RP-2000 mortality table, and the plan proposes to change to the Pri-2012(BC) table, complete one line of the table as follows:

| | (A) | (B) | (C) |
|---|---|--|--|
| Assumption/Method That Has Changed From Assumption Used in Most Recent Certification of Plan Status Completed Prior to 1/1/2021 | Brief description of assumption/method used in the most recent certification of plan status completed prior to 1/1/2021 | Brief description of assumption/method used to determine the requested SFA amount (if different) | Brief explanation on why the assumption/method in (A) is no longer reasonable and why the assumption/method in (B) is reasonable |
| Base Mortality Assumption | RP-2000 mortality table | Pri-2012(BC) mortality table | Original assumption is outdated. New assumption reflects more recently published experience for blue collar workers. |

For example, assume the plan is projected to be insolvent in 2029 in the pre-2021 certification of plan status. The plan changes its CBU assumption by extending the assumption to the later projection years as described in Paragraph A, "Adoption of assumptions not previously factored into pre-2021 certification of plan status" of Section III, Acceptable Assumption Changes of PBGC's guidance on Special Financial Assistance Assumptions. Complete one line of the table as follows:

| | (A) | (B) | (C) |
|---|---|--|--|
| Assumption/Method That Has Changed From Assumption Used in Most Recent Certification of Plan Status Completed Prior to 1/1/2021 | Brief description of assumption/method used in the most recent certification of plan status completed prior to 1/1/2021 | Brief description of assumption/method used to determine the requested SFA amount (if different) | Brief explanation on why the assumption/method in (A) is no longer reasonable and why the assumption/method in (B) is reasonable |
| CBU Assumption | Decrease from most recent plan year's actual number of CBUs by 2% per year to 2028 | Same number of CBUs for each projection year to 2028 as shown in (A), then constant CBUs for all years after 2028. | Original assumption does not address years after original projected insolvency in 2029. Proposed assumption uses acceptable extension methodology. |

Add one line for each assumption/method that has changed from that used in the most recent certification of plan status completed prior to 1/1/2021.

Since this Template 7b is intended as an abbreviated version of more detailed information provided in Section D, Item (6)b. of the SFA filing instructions, it is not necessary to include full tables of rates at every age (e.g., for retirement, turnover, etc.). Instead, a high level description that focuses on what aspect of the assumption/method has changed is preferred.

Template 7 - Sheet 7b

Assumption/Method Changes - SFA Amount

PLAN INFORMATION

| | | |
|------------------------|-----------------|--|
| Abbreviated Plan Name: | Alaska Plumbers | |
| EIN: | 52-6103810 | |
| PN: | 001 | |

| | (A) | (B) | (C) |
|---|---|--|---|
| Assumption/Method That Has Changed From Assumption Used in Most Recent Certification of Plan Status Completed Prior to 1/1/2021 | Brief description of assumption/method used in the most recent certification of plan status completed prior to 1/1/2021 | Brief description of assumption/method used to determine the requested SFA amount (if different) | Brief explanation on why the assumption/method in (A) is no longer reasonable and why the assumption/method in (B) is reasonable |
| Mortality and Mortality Improvement | Healthy base tables: RP-2006 mortality table with blue collar adjustment, set forward 2 years Disabled base tables: RP-2006 disabled mortality table, set forward 2 years with Projection scale: Generational projection at 75% of the ultimate rates specified in the MP-2017 projection scale | Healthy base table: Pri-2012 amount-weighted blue-collar tables Disabled base tables: Pri-2012 amount-weighted disabled tables Projection scale: MP-2021 projection scale | Original assumption is outdated. New assumption based on a more recent study, which also included significantly more multiemployer pension plan experience. |
| Administrative Expenses | 2.5% annual increase in administrative (non-investment) expenses, starting from a base of \$525,000 in 2019 | 2.5% annual increase in administrative (non-investment) expenses starting from a base of \$650,000 in 2022, with three modifications: 1. The PBGC flat rate premium is adjusted to reflect the change to \$52 effective January 1, 2031, and 2. Actual expenses for 2023 of \$765,160 were reflected to include costs related to the SFA application. 3. A one-time expense of \$100,000 was added to 2024 to reflect anticipated costs related to the SFA application. | Original assumptions did not reflect the Plan's experience through the measurement date or anticipate the expense of preparing an SFA application. The updated assumption extends the entire SFA projection period, reflects current expense expectations, and two significant events which will increase expenses. |
| New Entrant Profile | New entrants were assumed to mirror the demographic profile of the entire active population from the January 1, 2019 actuarial valuation. | New entrants are assumed to reflect the distribution of age, service, benefits, and gender based on the characteristics of the Plan's new entrants and rehires from contingent vested status and vested status in the five years preceding the Plan's SFA measurement date (2017-2021). | The original assumption was not sufficiently refined enough for the SFA application. The updated assumption reflects characteristics of the Plan's actual new entrants over the latest available five-year experience period. |

| | | | |
|--|--|--|--|
| Contribution Rates | Reflected hours-weighted average contribution rate from 2019 valuation census data with projected average contribution rates for the total Plan based on bargaining agreements as of March 31, 2020. | Reflect hours-weighted average contribution rate from 2022 valuation census data with projected average contribution rates for the total Plan based on bargaining agreements as of July 9, 2021. | Original did not reflect bargained contribution increases generally effective July 1, 2021. The updated assumption reflects anticipated contribution rates for the current and succeeding plan years that reflect the Plan's collective bargaining agreements as of July 9, 2021, and the Plan's census data used in the most recently completed actuarial valuation. |
| Assumed future contribution base units (CBUs) / contributory hours | For the 2020 plan year: 1,175,000 hours For each subsequent year: 1,250,000 hours | <ul style="list-style-type: none"> • Anchorage-area hours decrease 2.05% per year starting from actual 2022 hours, for the following 10 years (2023-2032), and then decrease 1% per year each year thereafter through the end of the SFA projection period (December 31, 2051). • Fairbanks-area hours remain level at actual 2022 hours through the end of the SFA projection period. • North Slope and TAPS hours generally decrease 2.99% per year starting from actual 2022 hours, for the following 10 years (2023-2032), and then decrease 1% per year each year thereafter through the end of the SFA projection period. However, the current large project running through 2027 was reflected by overriding 2023-2027 trend with 33%, 150%, 0%, 0%, and -33%, respectively. | The original assumption anticipated an influx of hours based on a speculative change in industry trend that did not ultimately occur. The updated assumption reflects the Plan's experience through the measurement date for each of the Plan's distinct areas in terms of both geography and work, and reflects known projects on the North Slope at the time of the application. |
| Withdrawal Liability Payments | No future withdrawal liability payments | <p>Reflects the following payments:</p> <p>2023: \$238,232 2024: \$619,064 2025-2026: \$825,419 2027: \$816,004 2028: \$725,326 2029: \$262,047 2030-2031: \$241,958 2032: \$180,838 2033-2037: \$117,772 2038: \$86,790</p> <p>The above amounts assume 0% collection on withdrawals determined to be uncollectible as of the application date, 100% collection on withdrawals for service/maintenance employers, and 70% collection on an employer that performs both construction and non-construction work.</p> | The original assumption is no longer reasonable because it doesn't reflect expected withdrawal liability payments for all withdrawals through the measurement date. The updated assumption is reasonable because it the impact of several recent assessments for employers determined to have withdrawn prior to the measurement date. Assumed collectibility was based on the Plan's past experience. |
| | | | |

Version Updates

| Version | Date updated | |
|------------|--------------|--|
| v20220802p | 08/02/2022 | Cosmetic changes to increase the size of some rows |
| v20220701p | 07/01/2022 | |

TEMPLATE 8

File name: *Template 8 Plan Name*, where "Plan Name" is an abbreviated version of the plan name.

v20220802p

Contribution and Withdrawal Liability Details

Provide details of the projected contributions and withdrawal liability payments used to calculate the requested SFA amount. This should include total contributions, contribution base units (including identification of the base unit used (i.e., hourly, weekly)), average contribution rate(s), reciprocity contributions (if applicable), additional contributions from the rehabilitation plan (if applicable), and any other identifiable contribution streams. For withdrawal liability, separately show amounts for currently withdrawn employers and for future assumed withdrawals. Also provide the projected number of active participants at the beginning of each plan year.

The first row in the projection period is for the period beginning on the SFA measurement date and ending on the last day of the plan year containing the SFA measurement date. For all other periods, provide the full plan year of information up to the plan year ending in 2051.

PLAN INFORMATION

| | |
|------------------------|-----------------|
| Abbreviated Plan Name: | Alaska Plumbers |
| EIN: | 52-6103810 |
| PN: | 001 |

| | |
|----------------------------|--------|
| Unit (e.g. hourly, weekly) | Hourly |
|----------------------------|--------|

All Other Sources of Non-Investment Income

| SFA Measurement Date / Plan Year Start Date | Plan Year End Date | Total Contributions* | Total Contribution Base Units | Average Contribution Rate | Reciprocity Contributions (if applicable) | Additional Rehab Plan Contributions (if applicable) | Other - Explain if Applicable | Withdrawal Liability Payments for Currently Withdrawn Employers | Withdrawal Liability Payments for Projected Future Withdrawals | Projected Number of Active Participants (Including New Entrants) at the Beginning of the Plan Year |
|---|--------------------|----------------------|-------------------------------|---------------------------|---|---|-------------------------------|---|--|--|
| 12/31/2022 | 12/31/2022 | | | | | | | | | |
| 01/01/2023 | 12/31/2023 | \$10,407,936 | 919,429 | \$11.32 | \$0 | \$0 | \$0 | \$238,232 | \$0 | 557 |
| 01/01/2024 | 12/31/2024 | \$13,405,105 | 1,182,108 | \$11.34 | \$0 | \$0 | \$0 | \$619,064 | \$0 | 716 |
| 01/01/2025 | 12/31/2025 | \$13,325,838 | 1,175,118 | \$11.34 | \$0 | \$0 | \$0 | \$825,419 | \$0 | 711 |
| 01/01/2026 | 12/31/2026 | \$13,248,193 | 1,168,271 | \$11.34 | \$0 | \$0 | \$0 | \$825,419 | \$0 | 707 |
| 01/01/2027 | 12/31/2027 | \$11,489,291 | 1,013,165 | \$11.34 | \$0 | \$0 | \$0 | \$816,004 | \$0 | 614 |
| 01/01/2028 | 12/31/2028 | \$9,276,177 | 818,005 | \$11.34 | \$0 | \$0 | \$0 | \$725,326 | \$0 | 495 |
| 01/01/2029 | 12/31/2029 | \$9,164,943 | 808,196 | \$11.34 | \$0 | \$0 | \$0 | \$262,047 | \$0 | 489 |
| 01/01/2030 | 12/31/2030 | \$9,056,351 | 798,620 | \$11.34 | \$0 | \$0 | \$0 | \$241,958 | \$0 | 483 |
| 01/01/2031 | 12/31/2031 | \$8,950,322 | 789,270 | \$11.34 | \$0 | \$0 | \$0 | \$241,958 | \$0 | 478 |
| 01/01/2032 | 12/31/2032 | \$8,846,822 | 780,143 | \$11.34 | \$0 | \$0 | \$0 | \$180,838 | \$0 | 472 |
| 01/01/2033 | 12/31/2033 | \$8,802,664 | 776,249 | \$11.34 | \$0 | \$0 | \$0 | \$117,772 | \$0 | 470 |
| 01/01/2034 | 12/31/2034 | \$8,758,948 | 772,394 | \$11.34 | \$0 | \$0 | \$0 | \$117,772 | \$0 | 468 |
| 01/01/2035 | 12/31/2035 | \$8,715,675 | 768,578 | \$11.34 | \$0 | \$0 | \$0 | \$117,772 | \$0 | 465 |
| 01/01/2036 | 12/31/2036 | \$8,672,832 | 764,800 | \$11.34 | \$0 | \$0 | \$0 | \$117,772 | \$0 | 463 |
| 01/01/2037 | 12/31/2037 | \$8,630,420 | 761,060 | \$11.34 | \$0 | \$0 | \$0 | \$117,772 | \$0 | 461 |
| 01/01/2038 | 12/31/2038 | \$8,588,428 | 757,357 | \$11.34 | \$0 | \$0 | \$0 | \$86,790 | \$0 | 458 |
| 01/01/2039 | 12/31/2039 | \$8,546,867 | 753,692 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 456 |
| 01/01/2040 | 12/31/2040 | \$8,505,703 | 750,062 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 454 |
| 01/01/2041 | 12/31/2041 | \$8,464,970 | 746,470 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 452 |
| 01/01/2042 | 12/31/2042 | \$8,424,633 | 742,913 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 450 |
| 01/01/2043 | 12/31/2043 | \$8,384,705 | 739,392 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 448 |
| 01/01/2044 | 12/31/2044 | \$8,345,163 | 735,905 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 446 |
| 01/01/2045 | 12/31/2045 | \$8,306,028 | 732,454 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 443 |
| 01/01/2046 | 12/31/2046 | \$8,267,291 | 729,038 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 441 |
| 01/01/2047 | 12/31/2047 | \$8,228,928 | 725,655 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 439 |
| 01/01/2048 | 12/31/2048 | \$8,190,950 | 722,306 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 437 |
| 01/01/2049 | 12/31/2049 | \$8,153,358 | 718,991 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 435 |
| 01/01/2050 | 12/31/2050 | \$8,116,140 | 715,709 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 433 |
| 01/01/2051 | 12/31/2051 | \$8,079,296 | 712,460 | \$11.34 | \$0 | \$0 | \$0 | \$0 | \$0 | 431 |

* Total contributions shown here should be contributions based upon CBU's and should not include items separately shown in any columns under "All Other Sources of Non-Investment Income."

Version Updates

Version

Date updated

v20230727

v20230727

07/27/2023

TEMPLATE 10

v20230727

Pre-2021 Zone Certification, Baseline Details, and Final SFA Assumption Summaries

File name: *Template 10 Plan Name*, where "Plan Name" is an abbreviated version of the plan name.

Provide a table identifying and summarizing which assumptions/methods were used in each of the pre-2021 certification of plan status, the Baseline details (Template 5A or Template 5B), and the final SFA calculation (Template 4A or Template 4B).

This table should identify all assumptions/methods used, including those that are reflected in the Baseline provided in Template 5A or Template 5B and any assumptions not explicitly listed. Please identify the source (file and page number) of the pre-2021 certification of plan status assumption. Additionally, please select the appropriate assumption change category per SFA assumption guidance*. Please complete all rows of Template 10. If an assumption on Template 10 does not apply to the application, please enter "N/A" and explain as necessary in the "comments" column. If the application contains assumptions not listed on Template 10, create additional rows as needed.

See the table below for a brief example of how to fill out the requested information in summary form. In the example the first row demonstrates how one would fill out the information for a change in the mortality assumption used in the pre-2021 certification of plan status, where the RP-2000 mortality table was the original assumption, and the plan proposes to change to the Pri-2012(BC) table.

| | (A) | (B) | (C) | (D) | (E) | | | | | | | | | | | | | | |
|---|-----------------------------------|--|---|--|---|-----|----|-----|----|-----|----|-----|----|-----|-----|------|----------------------------|------------------|-----------|
| | Source of (B) | Assumption/Method Used in Most Recent Certification of Plan Status Completed Prior to 1/1/2021 | Baseline Assumption/Method Used | Final SFA Assumption/Method Used | Category of assumption change from (B) to (D) per SFA Assumption Guidance | | | | | | | | | | | | | | |
| Base Mortality - Healthy | 2019 Company XYZ AVR.pdf p. 55 | RP-2000 mortality table | Pri-2012(BC) mortality table | Same as baseline | Acceptable Change | | | | | | | | | | | | | | |
| Contribution Base Units | 2020 Company XYZ ZC.pdf p. 19 | 125,000 hours projected to insolvency in 2024 | 125,000 hours projected through the SFA projection period in 2051 | 100,000 hours projected with 3.0% reductions annually for 10 years and 1.0% reductions annually thereafter | Generally Acceptable Change | | | | | | | | | | | | | | |
| Assumed Withdrawal Payments -Future Withdrawals | 2020 Company XYZ ZC.pdf p. 20 | None assumed until insolvency in 2024 | None assumed through the SFA projection period in 2051 | Same as baseline | Other Change | | | | | | | | | | | | | | |
| Retirement - Actives | 2019 Company XYZ AVR.pdf p. 54 | <table border="1" style="font-size: small;"> <thead> <tr> <th>Age</th> <th>Actives</th> </tr> </thead> <tbody> <tr><td>55</td><td>10%</td></tr> <tr><td>56</td><td>20%</td></tr> <tr><td>57</td><td>30%</td></tr> <tr><td>58</td><td>40%</td></tr> <tr><td>59</td><td>50%</td></tr> <tr><td>60+</td><td>100%</td></tr> </tbody> </table> | Age | Actives | 55 | 10% | 56 | 20% | 57 | 30% | 58 | 40% | 59 | 50% | 60+ | 100% | Same as Pre-2021 Zone Cert | Same as baseline | No Change |
| Age | Actives | | | | | | | | | | | | | | | | | | |
| 55 | 10% | | | | | | | | | | | | | | | | | | |
| 56 | 20% | | | | | | | | | | | | | | | | | | |
| 57 | 30% | | | | | | | | | | | | | | | | | | |
| 58 | 40% | | | | | | | | | | | | | | | | | | |
| 59 | 50% | | | | | | | | | | | | | | | | | | |
| 60+ | 100% | | | | | | | | | | | | | | | | | | |

Add additional lines if needed.

*<https://www.pbgc.gov/sites/default/files/sfa/sfa-assumptions-guidance.pdf>

Template 10

v20230727

Pre-2021 Zone Certification, Baseline Details, and Final SFA Assumption Summaries

PLAN INFORMATION

| | |
|------------------------|-----------------|
| Abbreviated Plan Name: | Alaska Plumbers |
| EIN: | 52-6103810 |
| PN: | 001 |

| | (A) | (B) | (C) | (D) | (E) | |
|----------------------|---------------|--|---------------------------------|----------------------------------|---|--|
| | Source of (B) | Assumption/Method Used in Most Recent Certification of Plan Status Completed Prior to 1/1/2021 | Baseline Assumption/Method Used | Final SFA Assumption/Method Used | Category of assumption change from (B) to (D) per SFA Assumption Guidance | Comments |
| SFA Measurement Date | N/A | N/A | 12/31/2022 | 12/31/2022 | N/A | |
| Census Data as of | N/A | 01/01/2019 | 01/01/2022 | 01/01/2022 | N/A | 1/1/2022 Census Data described in: 2022AVR Alaska Plumbers.PDF |

DEMOGRAPHIC ASSUMPTIONS

| | | | | | | |
|--|-----------------------------------|---|--|---|-----------------------------|---|
| Base Mortality - Healthy | 2019AVR Alaska Plumbers.PDF p. 40 | RP-2006 blue-collar mortality table set forward 2 years | Pri-2012 amount weighted blue-collar mortality table | Same as baseline | Acceptable Change | |
| Mortality Improvement - Healthy | 2019AVR Alaska Plumbers.PDF p. 40 | 75% of ultimate rates in MP-2017 Projection Scale | MP-2021 projection scale | Same as baseline | Acceptable Change | |
| Base Mortality - Disabled | 2019AVR Alaska Plumbers.PDF p. 40 | RP-2006 disabled mortality table set forward 2 years | Pri-2012 amount weighted disabled mortality table | Same as baseline | Acceptable Change | |
| Mortality Improvement - Disabled | 2019AVR Alaska Plumbers.PDF p. 40 | 75% of ultimate rates in MP-2017 Projection Scale | MP-2021 projection scale | Same as baseline | Acceptable Change | |
| Retirement - Actives | 2019AVR Alaska Plumbers.PDF p. 41 | Age 52 - 53 7.5% 54 15.0% 55 - 56 20.0% 57 - 59 25.0% 60 - 61 30.0% 62 - 63 40.0% 64 50.0% 65 100.0% | Same as Pre-2021 Zone Cert | Same as baseline | No Change | |
| Retirement - TVs | 2019AVR Alaska Plumbers.PDF p. 41 | Assumed to retire at later of age 62 and current age | Same as Pre-2021 Zone Cert | Same as baseline | No Change | |
| Turnover | 2019AVR Alaska Plumbers.PDF p. 41 | Crocker-Sarason T-8 Termination Rates | Same as Pre-2021 Zone Cert | Same as baseline | No Change | |
| Disability | 2019AVR Alaska Plumbers.PDF p. 40 | Long-Term Disability Insurance Rates from 1962 to 1968 from Transactions of the SOA 1970 Reports of Mortality and Morbidity Experience' | Same as Pre-2021 Zone Cert | Same as baseline | No Change | |
| Optional Form Elections - Actives | 2019AVR Alaska Plumbers.PDF p. 41 | Single Life Annuity | Same as Pre-2021 Zone Cert | Same as baseline | No Change | |
| Optional Form Elections - TVs | 2019AVR Alaska Plumbers.PDF p. 41 | Single Life Annuity | Same as Pre-2021 Zone Cert | Same as baseline | No Change | |
| Marital Status | 2019AVR Alaska Plumbers.PDF p. 42 | 85% of participants are assumed to be married | Same as Pre-2021 Zone Cert | Same as baseline | No Change | |
| Spouse Age Difference | 2019AVR Alaska Plumbers.PDF p. 42 | Males are assumed to be 3 years older than females | Same as Pre-2021 Zone Cert | Same as baseline | No Change | |
| Active Participant Count | | 665 in 2019; 639 in 2020; 680 in 2021 and all future years | 756 in 2023 and all future years | 557 in 2023, adjusting in proportion to hours | Generally Acceptable Change | The number of active participants is assumed to change in proportion to the hours. Active headcount not explicitly described in 2020 Zone Certification |
| New Entrant Profile | N/A | New entrants are assumed to have the same demographic composition as the current active population. | New entrants have the same profile as new entrants and rehires from contingent vested status and vested status within the five years ending 12/31/2021 | Same as baseline | Acceptable Change | New entrant assumption not explicitly described in 2020 Zone Certification |
| Missing or Incomplete Data | 2019AVR Alaska Plumbers.PDF p. 42 | Participants with missing data assumed to have an entry age equal to the average entry age of participants with complete data | Same as Pre-2021 Zone Cert | Same as baseline | No Change | Marital assumptions used to value VTs found in death audit with unknown marital status |
| "Missing" Terminated Vested Participant Assumption | N/A | N/A | N/A | N/A | No Change | All TVs valued |
| Treatment of Participants Working Past Retirement Date | N/A | Assumed to retire on valuation date with unreduced benefit but not less than the actuarially increased normal retirement benefit | Same as Pre-2021 Zone Cert | Same as baseline | No Change | This assumption is not explicitly described in the valuation reports. |
| Assumptions Related to Reciprocity | N/A | Net reciprocity contributions are included in CBU assumption and average contribution rates | Same as Pre-2021 Zone Cert | Same as baseline | No Change | This assumption is not explicitly described in the valuation reports. |
| Other Demographic Assumption 1 | 2019AVR Alaska Plumbers.PDF p. 42 | A liability is included equal to the present value of accrued benefits is held for those non-vested participants who were not active in the prior plan year but have not suffered a permanent break in service. | Same as Pre-2021 Zone Cert | Same as baseline | | Contingent Vested Terminated Participants- The intent is to capture a liability load for individuals returning to work or becoming vested through reciprocity. |
| Other Demographic Assumption 2 | N/A | Vested terminated participants past normal retirement age are assumed to retire on valuation date with an actuarially increased normal retirement benefit. | Same as Pre-2021 Zone Cert | Same as baseline | No Change | We limit the actuarial increase factor to that used for age 71. We do not exclude any older missing TVs but we do not reflect a retroactive payment for those past age 71. In aggregate, this assumption is intended to reflect the possibility that some older TVs will never commence benefits. This assumption is not explicitly described in the valuation reports. |
| Other Demographic Assumption 3 | | | | | | |

NON-DEMOGRAPHIC ASSUMPTIONS

Template 10

Pre-2021 Zone Certification, Baseline Details, and Final SFA Assumption Summaries

v20230727

PLAN INFORMATION

| | |
|------------------------|-----------------|
| Abbreviated Plan Name: | Alaska Plumbers |
| EIN: | 52-6103810 |
| PN: | 001 |

| | (A) | (B) | (C) | (D) | (E) | |
|---|---|--|--|--|---|--|
| | Source of (B) | Assumption/Method Used in Most Recent Certification of Plan Status Completed Prior to 1/1/2021 | Baseline Assumption/Method Used | Final SFA Assumption/Method Used | Category of assumption change from (B) to (D) per SFA Assumption Guidance | Comments |
| Contribution Base Units | 2020Zone20200330 Alaska Plumbers.pdf p. 4 | For the 2020 plan year: 1,175,000 hours For each subsequent year: 1,250,000 hours | For the 2023 plan year and each subsequent year: 1,250,000 hours | <ul style="list-style-type: none"> Anchorage-area hours decrease 2.04% per year starting from actual 2022 hours, for the following 10 years (2023-2032), and then decrease 1% per year each year thereafter through the end of the SFA projection period (December 31, 2051). Fairbanks-area hours remain level at actual 2022 hours through the end of the SFA projection period. North Slope and TAPS hours generally decrease 2.99% per year starting from actual 2022 hours, for the following 10 years (2023-2032), and then decrease 1% per year each year thereafter through the end of the SFA projection period. However, the current large project running through 2027 was reflected by overriding 2023-2027 trend with 33%, 150%, 0%, 0%, and -33%, respectively. | Generally Acceptable Change | Complete projected CBU table used for final SFA calculation provided in Section D, Item 5. |
| Contribution Rate | 2020Zone20200330 Alaska Plumbers.pdf p. 4 | For the 2019 plan year, \$10.55 per hour (\$9.00 accruing and \$1.55 non-accruing) For the 2020 plan year, \$10.76 per hour (\$9.21 accruing and \$1.55 per hour non-accruing) For each subsequent year, \$10.85 per hour (\$9.30 accruing and \$1.55 per hour non-accruing) | For the 2023 plan year, \$11.32 per hour (\$9.54 accruing, \$1.78 non-accruing) For each subsequent year, \$11.34 per hour (\$9.54 accruing, \$1.80 non-accruing) | Same as baseline | Acceptable Change | |
| Administrative Expenses | 2019AVR Alaska Plumbers.PDF p. 40 | \$525,000 in 2019 increasing by 2.5% annually | Same as Pre-2021 Zone Cert | \$650,000 in 2022 increasing by 2.5% annually, with three modifications: 1. The PBGC flat rate premium was adjusted to reflect the change to \$52 effective January 1, 2031, 2. Actual expenses for 2023 of \$765,160, and 3. A one-time additional expense of \$100,000 in 2024. | Generally Acceptable Change | |
| Assumed Withdrawal Payments - Currently Withdrawn Employers | N/A | No future withdrawal liability income | Same as Pre-2021 Zone Cert | Reflects the following payments: 2023: \$238,232 2024: \$619,064 2025-2026: \$825,419 2027: \$816,004 2028: \$725,326 2029: \$262,047 2030-2031: \$241,958 2032: \$180,838 2033-2037: \$117,772 2038: \$86,790 | Generally Acceptable Change | This assumption is not explicitly described in the valuation reports. |
| Assumed Withdrawal Payments -Future Withdrawals | N/A | None assumed | Same as Pre-2021 Zone Cert | Same as baseline | No Change | |
| Other Assumption 1 | | | | | | |
| Other Assumption 2 | | | | | | |
| Other Assumption 3 | | | | | | |

CASH FLOW TIMING ASSUMPTIONS

| | | | | | | |
|-------------------------------|-----|----------|----------|----------|-----------|-------------------------------------|
| Benefit Payment Timing | N/A | Mid-year | Mid-year | Mid-year | No Change | Not explicitly described in reports |
| Contribution Timing | N/A | Mid-year | Mid-year | Mid-year | No Change | Not explicitly described in reports |
| Withdrawal Payment Timing | N/A | Mid-year | Mid-year | Mid-year | No Change | Not explicitly described in reports |
| Administrative Expense Timing | N/A | Mid-year | Mid-year | Mid-year | No Change | Not explicitly described in reports |
| Other Payment Timing | N/A | Mid-year | Mid-year | Mid-year | No Change | Not explicitly described in reports |

Create additional rows as needed.