# Form 5500-SF

Department of the Treasury Internal Revenue Service

Employee Benefits Security Administration Pension Benefit Guaranty Corporation

Department of Labor

# Short Form Annual Return/Report of Small Employee **Benefit Plan**

This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ Complete all entries in accordance with the instructions to the Form 5500-SF.

OMB Nos. 1210-0110 1210-0089

2018

This Form is Open to **Public Inspection** 

| Part I   | Annual Report   | Identification Information   |                           |  |  |                                |  |  |  |
|--|---|--|---------------------------|--|--|--------------------------------|--|--|--|
| For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018 |   |  |                           |  |  |                                |  |  |  |
| A This re  | turn/report is for:   | X a single-employer plan   |                           | olan (not multiemployer) (Femployer information in acc | _                                      |                                |  |  |  |
| <b>5</b>   |   | a one-participant plan   | a foreign plan            |  |  |                                |  |  |  |
| <b>B</b> This ret  | B This return/report is the first return/report the final return/report |  |                           |  |  |                                |  |  |  |
| an amended return/report a short plan year return/report (less than 12 months)             |   |  |                           |  |  |                                |  |  |  |
| C Check  | box if filing under:  | X Form 5558  | automatic extension       | [  | DFVC program                           | m                              |  |  |  |
|  |   | special extension (enter descr   | . ,                       |  |  |                                |  |  |  |
| Part II  | Basic Plan Info   | ormation—enter all requested in  | formation                 |  |  |                                |  |  |  |
| 1a Name<br>RETIREME  | •   | OYEES OF OLYMPIC PIPE LINE C   | COMPANY                   |  | <b>1b</b> Three-digir plan numb (PN) ▶ |                                |  |  |  |
|  |   |  |                           |  | 1c Effective d                         | ate of plan<br>01/01/1965      |  |  |  |
|  |   | oyer, if for a single-employer plan)   | ) David                   |  |  | dentification Number           |  |  |  |
| City or  | r town, state or provinc  | om, apt., suite no. and street, or P.C<br>ce, country, and ZIP or foreign post           |                           | structions)  | (EIN)                                  | 74-6048227<br>telephone number |  |  |  |
| OLYMPIC P  | IPE LINE COMPANY  | LLC  |                           |  |  | 5-235-7736                     |  |  |  |
| eoo ew ant   | LL OT CHITE 275   |  |                           |  | <b>2d</b> Business of                  | code (see instructions)        |  |  |  |
| RENTON, W  | H ST., SUITE 275<br>/A 98057  |  |                           |  |  | 486000                         |  |  |  |
| 3a Plan a  | administrator's name a  | nd address 🛛 Same as Plan Spor   | nsor.                     |  | <b>3b</b> Administra                   | tor's EIN                      |  |  |  |
| 4 If the   | name and/or FIN of th   | e plan sponsor or the plan name ha   | oe changed since the last | roturn/roport filed for                                | 3c Administra 4b EIN                   | tor's telephone number         |  |  |  |
| this p   | lan, enter the plan spo   | onsor's name, EIN, the plan name a   |                           |  |  |                                |  |  |  |
| a Spons<br>C Plan N  | sor's name<br>Jame  |  |                           |  | <b>4d</b> PN                           |                                |  |  |  |
|  | tamo  |  |                           |  |  |                                |  |  |  |
| <b>5a</b> Total  | number of participants  | s at the beginning of the plan year  |                           |  | 5a                                     | 95                             |  |  |  |
|  |   | s at the end of the plan year  |                           | F  | 5b                                     | 0                              |  |  |  |
|  |   | account balances as of the end of  | . , , ,                   | •  | 5c                                     |                                |  |  |  |
| <b>d(1)</b> Tot  | al number of active pa  | articipants at the beginning of the pl   | an year                   |  | 5d(1)                                  | 0                              |  |  |  |
|  |   | articipants at the end of the plan year  |                           | F  | 5d(2)                                  | 0                              |  |  |  |
|  |   | terminated employment during the   |                           |  | 5e                                     | 0                              |  |  |  |
| Caution: A   | A penalty for the late  | or incomplete filing of this return  | n/report will be assesse  | d unless reasonable cau                                |  |                                |  |  |  |
| SB or Sche   |   | ther penalties set forth in the instruction and signed by an enrolled actuary, a solete. |                           |  |  |                                |  |  |  |
| SIGN   |   | d/valid electronic signature.  | 10/11/2019                | NOEL DIKE  |  |                                |  |  |  |
| HERE   | Signature of plan   | administrator  | Date                      | Enter name of individu                                 | ual signing as pla                     | ın administrator               |  |  |  |
| SIGN   | Filed with authorized   | d/valid electronic signature.  | 10/11/2019                | NOEL DIKE  |  |                                |  |  |  |
| HERE   | l c:  |  | D-1-                      | I Fatanasa att 8 11                                    |  | alassa analas ana              |  |  |  |

Date

Enter name of individual signing as employer or plan sponsor

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| b  | under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.)   |              |                          |         |          |         |              |              |        |  |
|--|--|--------------|--------------------------|---------|----------|---------|--------------|--------------|--------|--|
| If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.  C If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? Yes No If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4182906. (See ERISA section 4021)? |  |              |                          |         |          |         |              |              |        |  |
| Par  | t III   Financial Information  |              |                          |         |          |         |              |              |        |  |
| 7  | Plan Assets and Liabilities  |              | (a) Beginning o          |         |          |         | (b) E        | nd of Yea    |        |  |
|  | Total plan assets  | 7a           | 959                      | 95786   |          |         |              | 277          |        |  |
| b  | Total plan liabilities   | 7b           |                          | 0       |          |         |              |              | 0      |  |
|  | Net plan assets (subtract line 7b from line 7a)  | 7c           |                          | 95786   |          |         |              | 277          | 388    |  |
|  | Income, Expenses, and Transfers for this Plan Year   |              | (a) Amoun                | t       |          |         | (            | b) Total     |        |  |
|  | Contributions received or receivable from: (1) Employers   | 8a(1)        |                          | 0       |          |         |              |              |        |  |
|  | (2) Participants   | 8a(2)        |                          |         |          |         |              |              |        |  |
|  | (3) Others (including rollovers)   | 8a(3)        |                          |         |          |         |              |              |        |  |
| b  | Other income (loss)  | 8b           | -(                       | 65266   |          |         |              |              |        |  |
| С  | Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)   | 8c           |                          |         |          |         |              | -65          | 266    |  |
|  | Benefits paid (including direct rollovers and insurance premiums to provide benefits)  | 8d           | 909                      | 94926   |          |         |              |              |        |  |
| е  | Certain deemed and/or corrective distributions (see instructions)  | 8e           |                          |         |          |         |              |              |        |  |
| f  | Administrative service providers (salaries, fees, commissions)   | 8f           | 15                       | 1176    |          |         |              |              |        |  |
| g  | <b>g</b> Other expenses  |              |                          |         |          |         |              |              |        |  |
| <u>h</u>   | h Total expenses (add lines 8d, 8e, 8f, and 8g)  |              |                          |         |          |         |              | 9253         | 132    |  |
|  | Net income (loss) (subtract line 8h from line 8c)  | 8i           |                          |         |          |         |              | -9318        | 398    |  |
|  | Transfers to (from) the plan (see instructions)  | 8j           |                          |         |          |         |              |              |        |  |
| Par  |  | _            |                          |         |          |         |              |              |        |  |
| 9a   | If the plan provides pension benefits, enter the applicable pension $1A$ $1H$ $1I$ $3D$ $3H$   | feature co   | des from the List of Pla | an Chai | racteris | stic Co | des in the   | instructions | S:     |  |
| b  | If the plan provides welfare benefits, enter the applicable welfare for  | eature cod   | es from the List of Plan | n Chara | acterist | ic Cod  | les in the i | nstructions: |        |  |
| Part   | V Compliance Questions   |              |                          |         |          |         |              |              |        |  |
| 10   | During the plan year:  |              |                          |         | Yes      | No      |              | Amoun        | t      |  |
| а  | Was there a failure to transmit to the plan any participant contribut described in 29 CFR 2510.3-102? (See instructions and DOL's V Program)                       | oluntary F   | iduciary Correction      | 10a     |          | X       |              |              |        |  |
| b  | Were there any nonexempt transactions with any party-in-interest reported on line 10a.)  | •            |                          | 10b     |          | X       |              |              |        |  |
| С  | Was the plan covered by a fidelity bond?   |              |                          | 10c     | X        |         |              |              | 500000 |  |
| d  | Did the plan have a loss, whether or not reimbursed by the plan's by fraud or dishonesty?  |              |                          | 10d     |          | X       |              |              |        |  |
| е  | Were any fees or commissions paid to any brokers, agents, or oth carrier, insurance service, or other organization that provides som the plan? (See instructions.) | ne or all of | the benefits under       | 10e     |          | X       |              |              |        |  |
| f  | Has the plan failed to provide any benefit when due under the pla  | n?           |                          | 10f     |          | X       |              |              |        |  |
| g  | Did the plan have any participant loans? (If "Yes," enter amount a   | s of year-e  | end.)                    | 10g     |          | X       |              |              |        |  |
| h  | If this is an individual account plan, was there a blackout period? 2520.101-3.)   | •            |                          | 10h     |          |         |              |              |        |  |
| i  | If 10h was answered "Yes," check the box if you either provided the exceptions to providing the notice applied under 29 CFR 2520.10                                |              |                          | 10i     |          |         |              |              |        |  |
|  |  |              |                          |         |          |         |              |              |        |  |

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|---------------------|-----------------|---|
|                     | •               |   |

| Part   | VI Pension Funding Compliance   |                  |       |                         |        |  |  |  |  |  |
|--------|---|------------------|-------|-------------------------|--------|--|--|--|--|--|
| 11     | 11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and line 11a below)                                 |                  |       |                         |        |  |  |  |  |  |
| 11a    | 11a Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40  |                  |       |                         |        |  |  |  |  |  |
| 12     |   |                  |       |                         |        |  |  |  |  |  |
|        | (If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.)   |                  |       |                         |        |  |  |  |  |  |
| а      | If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and granting the waiver  | d enter t<br>Day |       | of the letter<br>_ Year | ruling |  |  |  |  |  |
| lf :   | you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.  |                  |       |                         |        |  |  |  |  |  |
| b      | Enter the minimum required contribution for this plan year  | 12b              |       |                         |        |  |  |  |  |  |
| С      | C Enter the amount contributed by the employer to the plan for this plan year   |                  |       |                         |        |  |  |  |  |  |
| d      | d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount)   |                  |       |                         |        |  |  |  |  |  |
| е      | Will the minimum funding amount reported on line 12d be met by the funding deadline?  |                  | Yes   | No                      | N/A    |  |  |  |  |  |
| Part ' | VII Plan Terminations and Transfers of Assets   |                  |       |                         |        |  |  |  |  |  |
| 13a    | Has a resolution to terminate the plan been adopted in any plan year?   |                  | X Yes | No                      | ı      |  |  |  |  |  |
|        | If "Yes," enter the amount of any plan assets that reverted to the employer this year   | 13a              |       |                         | (      |  |  |  |  |  |
| b      | Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?   |                  |       | Yes X                   | No     |  |  |  |  |  |
| С      | If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) which assets or liabilities were transferred. (See instructions.) | to               |       |                         |        |  |  |  |  |  |
| 1      | <b>3c(1)</b> Name of plan(s): 13c(2)  | EIN(s)           |       | 13c(3)                  | PN(s)  |  |  |  |  |  |
|        |   |                  |       |                         |        |  |  |  |  |  |

# SCHEDULE SB (Form 5500)

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

# Single-Employer Defined Benefit Plan **Actuarial Information**

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

This Form is Open to Public Inspection

OMB No. 1210-0110

2018

File as an attachment to Form 5500 or 5500-SF. For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 12/31/2018 and ending ▶ Round off amounts to nearest dollar. ▶ Caution: A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established. A Name of plan Three-digit RETIREMENT PLAN FOR EMPLOYEES OF OLYMPIC PIPE LINE COMPANY 002 plan number (PN) C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Employer Identification Number (EIN) **OLYMPIC PIPE LINE COMPANY LLC** 74-6048227 F Prior year plan size: X 100 or fewer E Type of plan: X Single Multiple-A Multiple-B 101-500 More than 500 Part I **Basic Information** Year <u>2018</u> 01 Enter the valuation date: Month Day Assets: 2a 9595786 a Market value..... 2b **b** Actuarial value ..... 9190200 (1) Number of (2) Vested Funding (3) Total Funding Funding target/participant count breakdown participants Target Target a For retired participants and beneficiaries receiving payment ...... 52 6062042 6062042 **b** For terminated vested participants 43 1521478 1521478 0 C For active participants ..... 0 0 95 7583520 7583520 d Total If the plan is in at-risk status, check the box and complete lines (a) and (b) ..... 4a a Funding target disregarding prescribed at-risk assumptions..... b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in 4b at-risk status for fewer than five consecutive years and disregarding loading factor ...... 5 5 5.59% 6 6 150000 Target normal cost ...... Statement by Enrolled Actuary To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan. SIGN **HERE** 10/07/2019 Signature of actuary Date MAHRUKH MAVALVALA 17-05999 Most recent enrollment number Type or print name of actuary MILLIMAN, INC. 206-624-7940 Telephone number (including area code) Firm name 1301 FIFTH AVENUE, SUITE 3800 SEATTLE, WA 98101-2605 Address of the firm

instructions

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

| Schedule SB (Form 5500) 2018 | Page <b>2 -</b> [ |
|------------------------------|-------------------|
|                              |                   |

| Pa   | art II  | Begin      | ning of Year                           | Carryov      | er and Prefunding B                               | Baland  | ces                        |              |                      |         |                        |         |                     |
|--|---|------------|--|--------------|---|---------|----------------------------|--------------|----------------------|---------|------------------------|---------|---------------------|
|  | •   |            |  | -            |   |         |                            | <b>(a)</b> C | arryover balan       | се      | (b) Prefunding balance |         |                     |
| 7  |   | •          | •                                      |              | able adjustments (line 13 fr                      |         |                            |              |                      | 0       |                        |         | 0                   |
| 8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year) |   |            |  |              |   |         |                            |              |                      | 0       |                        |         |                     |
| 9  | Amount r  | emaining   | g (line 7 minus line                   | 8)           |   |         |                            |              |                      | 0       |                        |         | 0                   |
| 10   | Interest o  | ກ line 9 ເ | using prior year's                     | actual retu  | rn of13.62_%                                      |         |                            |              |                      | 0       |                        |         | 0                   |
| 11   | Prior yea   | r's exces  | s contributions to                     | be added     | to prefunding balance:                            |         |                            |              |                      |         |                        |         |                     |
|  | <b>a</b> Preser   | it value o | f excess contribut                     | ions (line 3 | 88a from prior year)                              |         |                            |              |                      |         |                        |         | 472942              |
|  |   |            |  |              | a over line 38b from prior ye<br>interest rate of |         |                            |              |                      |         |                        |         | 27289               |
|  |   |            |  | -            | edule SB, using prior year's                      |         |                            |              |                      |         |                        |         | 0                   |
|  |   |            |  |              | ar to add to prefunding balan                     |         |                            |              |                      |         |                        |         | 500231              |
|  | <b>d</b> Portion  | of (c) to  | be added to prefu                      | unding bala  | ance  |         |                            |              |                      |         |                        |         | 0                   |
| 12   | Other rec   | luctions i | n halances due to                      | elections    | or deemed elections                               |         |                            |              |                      | 0       |                        |         | 0                   |
|  |   |            |  |              | line 10 + line 11d – line 12)                     |         |                            |              |                      | 0       |                        |         | 0                   |
|  | art III   |            | ding Percenta                          |              |   |         |                            |              |                      |         | 1                      |         |                     |
|  |   |            |  |              |   |         |                            |              |                      |         |                        | 14      | 121.18%             |
|  |   |            |  |              | ······  |         |                            |              |                      |         |                        | 15      | 121.18%             |
|  | Prior yea   | r's fundir | ng percentage for                      | purposes o   | of determining whether carr                       | yover/p | prefunding                 | g balance    | es may be used       |         |                        | 16      | 120.76%             |
| 17   |   |            |  |              | less than 70 percent of the                       |         |                            |              |                      |         |                        | 17      | %                   |
| Р  | art IV  | Con        | tributions an                          | d Liquid     | ity Shortfalls                                    |         |                            |              |                      |         |                        |         |                     |
| 18   | Contribut   | ions mad   |  |              | ar by employer(s) and emp                         | loyees  |                            |              |                      |         |                        |         |                     |
| (1)  | a) Date)<br>MM-DD-Y)  |            | <b>(b)</b> Amount p<br>employer        |              | (c) Amount paid by employees                      | (N      | <b>(a)</b> Date<br>ΔΜ-DD-Υ |              | (b) Amount<br>employ |         | (                      | -       | nt paid by<br>oyees |
|  |   | /          | 3p.ioy a                               | (0)          | ор.оу осо   | (       | 22 .                       | ,            |                      | 0.(0)   |                        | ор      | -                   |
|  |   |            |  |              |   |         |                            |              |                      |         |                        |         |                     |
|  |   |            |  |              |   |         |                            |              |                      |         |                        |         |                     |
|  |   |            |  |              |   |         |                            |              |                      |         |                        |         |                     |
|  |   |            |  |              |   |         |                            |              |                      |         |                        |         |                     |
|  |   |            |  |              |   |         |                            |              |                      |         |                        |         |                     |
|  |   |            |  |              |   | Tota    | als ▶                      | 18(b)        |                      |         | 0 18(c)                |         | 0                   |
| 19   | Discount  | ed emplo   | yer contributions                      | – see instr  | uctions for small plan with                       | a valua | tion date                  | after the    | beginning of th      | e year: |                        |         |                     |
|  | <b>a</b> Contrib  | outions a  | llocated toward ur                     | npaid minir  | num required contributions                        | from p  | rior years                 |              |                      | 19a     |                        |         | 0                   |
|  | <b>b</b> Contributions made to avoid restrictions adjusted to valuation date                                      |            |  |              |   |         |                            |              |                      |         |                        |         |                     |
|  | C Contributions allocated toward minimum required contribution for current year adjusted to valuation date        |            |  |              |   |         |                            |              |                      |         |                        |         |                     |
| 20   | -   |            | itions and liquidity ve a "funding sho |              | e prior year?                                     |         |                            |              |                      |         |                        |         | Yes X No            |
|  | <b>b</b> If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? |            |  |              |   |         |                            |              |                      |         |                        |         |                     |
|  |   |            | ·                                      |              | nplete the following table a                      | •       |                            | ,            |                      | -       | -                      |         |                     |
|  |   |            | , ,                                    |              | Liquidity shortfall as of er                      |         |                            | his plan y   | year                 |         |                        |         |                     |
|  |   | (1) 1s     | t                                      |              | (2) 2nd   |         |                            | (3)          | 3rd                  |         |                        | (4) 4th | )                   |
|  |   |            |  |              |   |         |                            |              |                      |         |                        |         |                     |

| P  | Part V Assumptions Used to Determin                                     | e Funding Target and Targ                                      | et Normal Cost            |             |                            |  |  |  |  |
|----|---|--|---------------------------|-------------|----------------------------|--|--|--|--|
| 21 | Discount rate:  |  |                           |             |                            |  |  |  |  |
|    | a Segment rates: 1st segment: 3.92%                                     | 2nd segment:<br>5.52%  | 3rd segment:<br>6.29 %    |             | N/A, full yield curve used |  |  |  |  |
|    | <b>b</b> Applicable month (enter code)                                  |  |                           | 21b         | 4                          |  |  |  |  |
| 22 | Weighted average retirement age   |  | 22                        |             |                            |  |  |  |  |
| 23 | Mortality table(s) (see instructions) Prior regulation                  | on: Prescribed - comb  | ined Prescribed           | l - separat | e Substitute               |  |  |  |  |
|    | Current regul   | ation: Prescribed - comb                                       | ined X Prescribed         | l - senarat | e  Substitute              |  |  |  |  |
| Pa | art VI Miscellaneous Items  | unon:  | <u> </u>                  | . coparat   |                            |  |  |  |  |
|    | Has a change been made in the non-prescribed actu                       | uarial assumptions for the current pl                          | an vear? If "Yes " see ir | nstructions | s regarding required       |  |  |  |  |
|    | attachment  |  | -                         |             |                            |  |  |  |  |
| 25 | Has a method change been made for the current pla                       | n year? If "Yes," see instructions re                          | egarding required attach  | ment        | Yes X No                   |  |  |  |  |
| 26 | Is the plan required to provide a Schedule of Active F                  | Participants? If "Yes," see instruction                        | ons regarding required a  | ttachment   |                            |  |  |  |  |
| 27 | If the plan is subject to alternative funding rules, ente               |  | ons regarding             | 27          |                            |  |  |  |  |
| P  | art VII Reconciliation of Unpaid Minim                                  | um Required Contribution                                       | s For Prior Years         | L.          |                            |  |  |  |  |
| 28 | Unpaid minimum required contributions for all prior y                   | •  |                           | 28          | 0                          |  |  |  |  |
| 29 |   | unpaid minimum required contribut                              | ons from prior years      | 29          | 0                          |  |  |  |  |
| 30 | Remaining amount of unpaid minimum required cont                        |  |                           | 30          | 0                          |  |  |  |  |
| Pa | art VIII Minimum Required Contribution                                  | n For Current Year   |                           |             |                            |  |  |  |  |
| 31 | •   |  |                           |             |                            |  |  |  |  |
|    | a Target normal cost (line 6)   |  |                           | 31a         | 150000                     |  |  |  |  |
|    | <b>b</b> Excess assets, if applicable, but not greater than li          | ine 31a  |                           | 31b         | 150000                     |  |  |  |  |
| 32 | Amortization installments:  |  | Outstanding Balar         | nce         | Installment                |  |  |  |  |
|    | a Net shortfall amortization installment                                |  |                           | 0           | 0                          |  |  |  |  |
|    | <b>b</b> Waiver amortization installment                                |  |                           | 0           | 0                          |  |  |  |  |
| 33 | If a waiver has been approved for this plan year, enter (Month Day Year | er the date of the ruling letter granti) and the waived amount |                           | 33          |                            |  |  |  |  |
| 34 | Total funding requirement before reflecting carryover                   | r/prefunding balances (lines 31a - 3                           | 1b + 32a + 32b - 33)      | 34          | 0                          |  |  |  |  |
|    |   | Carryover balance  | Prefunding balan          | се          | Total balance              |  |  |  |  |
| 35 | Balances elected for use to offset funding requirement                  | 0  |                           | 0           | 0                          |  |  |  |  |
| 36 | Additional cash requirement (line 34 minus line 35)                     |  |                           | 36          | 0                          |  |  |  |  |
| 37 |   | ntribution for current year adjusted                           | to valuation date (line   | 37          | 0                          |  |  |  |  |
| 38 |   |  |                           |             |                            |  |  |  |  |
|    | a Total (excess, if any, of line 37 over line 36)                       | ,  |                           | 38a         | 0                          |  |  |  |  |
|    | <b>b</b> Portion included in line 38a attributable to use of p          |  |                           | 38b         | 0                          |  |  |  |  |
| 39 | Unpaid minimum required contribution for current year                   | ar (excess, if any, of line 36 over lin                        | e 37)                     | 39          | 0                          |  |  |  |  |
| 40 | Unpaid minimum required contributions for all years                     |  |                           | 40          | 0                          |  |  |  |  |
| Pa | rt IX Pension Funding Relief Under                                      | Pension Relief Act of 2010                                     | (See Instructions         | )           |                            |  |  |  |  |
| 41 | If an election was made to use PRA 2010 funding rel                     | ief for this plan:   |                           |             |                            |  |  |  |  |
|    | a Schedule elected  |  |                           | Г           | 2 plus 7 years 15 years    |  |  |  |  |
|    | <b>b</b> Eligible plan year(s) for which the election in line 4         | 1a was made  |                           |             |                            |  |  |  |  |



# **Appendix A – Summary of Actuarial Methods**

The ultimate cost of a pension plan is the excess of actual benefits and administrative expenses paid over actual net investment return on plan assets during the Plan's existence until the last payment has been made to the last participant. The Plan's "actuarial cost method" determines the expected incidence of actuarial costs by allocating portions of the ultimate cost to each plan year. The cost method is thus a budgeting tool to help ensure that the Plan will be adequately and systematically funded and accounted for. Annual contributions and accounting expense are also affected by the "asset valuation method" (as well as the plan provisions, actuarial assumptions, and actual plan demographic and investment experience each year).

#### **Actuarial Cost Method**

The actuarial cost method used for determining the Plan's ERISA funding requirements and the FASB ASC Topic 960 values is the <u>Unit Credit</u> method. Under this method, an accrued benefit is determined at each active participant's assumed retirement age based on compensation and service at both the beginning and the end of the current year. The Plan's Normal Cost is the sum of the present value of the excess of each active participant's accrued benefit at the end of the current year over that at the beginning of the current year. The Plan's accrued liability is the sum of (a) the present value of each active participant's accrued benefit at the beginning of the current year plus (b) the present value of each inactive participant's benefits. This method is prescribed for ERISA funding requirements by the Pension Protection Act of 2006.

The actuarial cost method used for determining the Plan Sponsor's FASB ASC Topic 715 accounting requirements is the <u>Projected Unit Credit</u> method, as required by FASB. Under this method, a projected benefit is determined at each active participant's assumed retirement age assuming future compensation increases. The Plan's Normal Cost is the sum of the present value of the portion of each active participant's projected benefit attributable to the current year of service. The Plan's accrued liability is the sum of (a) the present value of the portion of each active participant's projected benefit attributable to all prior years of service plus (b) the present value of each inactive participant's benefits.

### **Asset Valuation Method**

The Actuarial Value of Assets used for determining the Plan's ERISA funding requirements is based on the permitted three-year asset smoothing as defined under IRS Notice 2009-22 (adopted January 1, 2009). Under this method, the Actuarial Value of Assets equals the Market Value of Assets minus one-third and two-thirds, respectively of the investment gain or loss for each of the two immediately preceding plan years, but it must be within 90% to 110% of the Market Value of Assets. The Market Value of Assets is equal to the Fair Value of Assets as of the valuation date plus the discounted value of employer contributions made after the valuation date. These contributions are discounted to the valuation date using the Effective Interest Rate for the prior plan year. The expected investment return for a plan year is based on the lesser of the expected rate of return on plan assets (currently 4.00% per year) or the applicable statutory interest rate for the year.

The Market-Related Value of Assets used for determining the Plan Sponsor's FASB ASC Topic 715 accounting requirements is equal to the Fair Value of Assets (without inclusion of any receivable contributions).

### **PBGC Variable-Rate Premium Method**

The Standard Premium Funding Target method is used for the PBGC variable-rate premium calculation (adopted January 1, 2017).



### **Amortization Method**

For the Plan's ERISA funding requirements, incremental Funding Shortfall amounts are amortized over a seven-year period, and the related shortfall amortization payment is determined on the first valuation date following the plan year in which it arises based on the segment rates used for ERISA minimum funding purposes on that date, as prescribed under IRC Section 430.

For FASB ASC Topic 715 accounting purposes, cumulative unrecognized net gains or losses (excluding asset gains or losses not yet reflected in the Market-Related Value of Assets) in excess of 10% of the greater of (i) the Market-Related Value of Assets and (ii) the Projected Benefit Obligation are amortized over the lesser of the average future lifetime of inactive participants or 10 years.

# **Changes in Actuarial Methods Since Prior Valuation**



# **Appendix B – Summary of Actuarial Assumptions**

#### **ECONOMIC ASSUMPTIONS**

### **Interest Rates**

The current funding and PBGC interest rates are as follows. The funding interest rates are prescribed under IRS regulations based on the Plan Sponsor's interest rate election. The PBGC interest rates are based on the Plan Sponsor's elected method for determining the premium funding target.

|                         | Minimum Funding | Maximum Deductible | PBGC Premium |
|-------------------------|-----------------|--------------------|--------------|
| Segment 1 (0-5 years)   | 3.92%           | 1.75%              | 2.33%        |
| Segment 2 (5-20 years)  | 5.52%           | 3.76%              | 3.55%        |
| Segment 3 (20+ years)   | 6.29%           | 4.66%              | 4.11%        |
| Effective Interest Rate | 5.59%           | 3.91%              | 3.66%        |

**IRS minimum funding:** 24-month average segment rates, using a four-month lookback period, adjusted to reflect the applicable segment rate stabilization corridor (adopted January 1, 2010).

**IRS maximum deductible:** 24-month average segment rates, using a four-month lookback period, but not adjusted to reflect segment rate stabilization (adopted January 1, 2010).

**PBGC premium:** Spot segment rates for the month preceding the valuation date, but not adjusted to reflect segment rate stabilization (adopted January 1, 2017).

**FASB ASC Topic 715:** 3.30% per year (adopted December 31, 2017). This discount rate represents the theoretical rate at which the liabilities could be settled in the bond market as of December 31, 2017. It is based on the December 31, 2017 Citigroup Pension Discount Curve and the Plan's projected benefit payments.

**FASB ASC Topic 960:** 4.00% per year (adopted January 1, 2018). This represents the expected long-term geometric mean return on assets based on the Plan's investment policy, including target asset allocation, and the actuary's capital market expectations.

# **Asset Returns**

**IRS minimum funding and maximum deductible:** 4.00% per year (adopted January 1, 2018). This represents the expected long-term geometric mean return on assets based on the Plan's investment policy, including target asset allocation, and the actuary's capital market expectations.

**FASB ASC Topic 715:** 4.00% per year (adopted December 31, 2017). This represents the expected long-term arithmetic mean return on assets based on the Plan's investment policy, including target asset allocation, and the Plan Sponsor's capital market expectations.

### **Postretirement Benefit Increases**

None. (The Plan does not provide for automatic postretirement benefit increases.)



# **Administrative Expenses**

An allowance of \$150,000 for administrative expenses has been included in the Target Normal Cost, reflecting expected administrative expenses to be paid from the Plan's trust during the current year (adopted January 1, 2018).

#### **DEMOGRAPHIC ASSUMPTIONS**

Except where noted, all demographic assumptions are based on the actuary's judgment and continual review of experience.

# **Mortality**

**IRS minimum funding, maximum deductible, and PBGC premium:** The mortality assumption is based on IRS and PBGC regulations (adopted January 1, 2008 and updated annually).

Non-annuitant and Annuitant Static Mortality Tables, sex-distinct, as prescribed by IRC Section 430(h)(3)(A) for IRS funding requirements.

**FASB ASC Topic 715 and 960:** The mortality assumption is based on the RP-2014 and MP-2017 tables published by the Society of Actuaries (adopted December 31, 2017 for FASB 715 and January 1, 2018 for FASB 960).

RP-2014 Mortality Tables, adjusted to factor out Scale MP-2014 from the 2006 base year, then projected forward using Scale MP-2017 on a generational basis, with sex-distinct Employee rates before benefit commencement and Healthy Annuitant rates after benefit commencement.

## Retirement

Terminated vested participants are assumed to commence benefits at earliest eligibility under the Plan.

# **Decrement Timing**

Decrements are assumed to occur at the beginning of the year.

# **Form of Payment**

Life annuity. (All optional forms are actuarially equivalent to the Plan's normal form of payment.)

#### **Marital Characteristics**

**For participants not in pay status:** 100% of terminated vested participants are assumed to be married, with males three years older than females.

For participants in pay status: Actual birth dates of spouses are included in the census data, where relevant.

#### **Benefits Not Valued**

All benefits are valued.

# **Special Data Adjustments**

EIN 74-6048227, PN 002, Retirement Plan for Employees of Olympic Pipe Line Company Schedule SB, Line 24 – Change in Actuarial Assumptions

# **Changes in Actuarial Assumptions since Prior Valuation**

**Interest rates for IRS minimum funding:** Effective January 1, 2018, the interest rates used to determine the minimum funding requirements were updated based on the applicable 24-month average segment rates with a four-month lookback from the valuation date, adjusted to reflect the applicable segment rate stabilization corridor. The interest rates were updated to comply with IRS requirements.

**Interest rates for IRS maximum deductible:** Effective January 1, 2018, the interest rates used for maximum deductible purposes were updated as noted above, but not adjusted to reflect segment rate stabilization. The interest rates were updated to comply with IRS requirements.

**Interest rates for PBGC premium:** Effective January 1, 2018, the interest rates used for PBGC variable-rate premium purposes were updated to the spot segment rates in effect for the month preceding the valuation date. The interest rates were updated to comply with PBGC requirements.

**Interest rate for FASB ASC Topic 715:** Effective December 31, 2017, the FASB 715 discount rate was changed from 3.80% to 3.30% per year. The discount rate was changed to reflect interest rates currently available on high-quality fixed income investments.

Interest rate for FASB ASC Topic 960 and asset return for IRS funding: Effective January 1, 2018, the FASB 960 interest rate and the asset return for IRS funding were changed from 6.25% to 4.00% per year. The interest rate and asset return assumptions were changed to reflect the Plan's investment policy and the actuary's capital market expectations.

**Asset return for FASB ASC Topic 715:** Effective December 31, 2017, the asset return assumption for FASB 715 purposes was changed from 6.25% to 4.00% per year. The asset return assumption was changed to reflect the Plan's investment policy and the Plan Sponsor's capital market expectations.

Mortality for IRS minimum funding, IRS maximum deductible, and PBGC premium: Effective January 1, 2018, the mortality table was updated as prescribed by IRC Section 430(h)(3)(A). The mortality assumption was updated to comply with IRS and PBGC requirements.

Mortality for FASB ASC Topic 715 and 960: Effective December 31, 2017 for FASB 715 and January 1, 2018 for FASB 960, the mortality assumption was updated to the RP-2014 Mortality Tables, adjusted to factor out Scale MP-2014 from the 2006 base year, then projected forward using Scale MP-2017 on a generational basis, with sex-distinct Employee rates before benefit commencement and Healthy Annuitant rates after benefit commencement. The prior assumption projected forward using Scale MP-2016. The mortality assumption was updated to reflect the MP-2017 tables published by the Society of Actuaries in October 2017.

**Administrative expenses:** Effective January 1, 2018, the administrative expense load was increased from \$5,000 to \$150,000 to anticipate certain fees to be paid from the Plan's trust for actuarial services and plan termination work.



EIN 74-6048227, PN 002, Retirement Plan for Employees of Olympic Pipe Line Company Schedule SB, Part V-Summary of Plan Provisions

# **Appendix C – Summary of Principal Plan Provisions**

This summary of plan provisions is intended to only describe the essential features of the Plan. All eligibility requirements and benefit amounts shall be determined in strict accordance with the plan document itself.

### **Effective Date**

The Plan was established October 1, 1965 and was amended August 15, 2000 to freeze all benefits. All participants at that time were granted 100% vesting.

### Plan Year and Fiscal Year

The Plan Year and Fiscal Year both end December 31.

# **Eligibility Requirements**

All employees are eligible to participate on the first of the month coincident with or next following date of hire. As of August 15, 2000, the Plan is not open to new hires.

# **Normal Retirement Age**

Age 65.

# **Normal Retirement Date**

The first day of the month coincident with or next following the date on which an employee attains his Normal Retirement Age.

## **Benefit Service**

Benefit Service is measured in years and completed months. No Benefit Service shall be earned after August 15, 2000.

# **Average Monthly Compensation**

Average Monthly Compensation is the average of W-2 Earnings (including amounts not includable in the gross income of the employee due to Code Sections 125, 402(e)(3), 402(h), or 403(b) and excluding fringe benefits, moving expenses, and deferred compensation) for the highest consecutive 36 months out of the last 120 months just prior to the earlier of actual retirement date, date of termination, or date of plan freeze.

# **Monthly Social Security Benefit**

Monthly Social Security Benefit means the amount the employee is entitled to receive as the primary insurance amount based on the Social Security law in effect on the earlier of Normal Retirement Date, date of termination, or August 15, 2000.



EIN 74-6048227, PN 002, Retirement Plan for Employees of Olympic Pipe Line Company Schedule SB, Part V-Summary of Plan Provisions

### **Normal Retirement Benefit Formula**

Each participant who retires on his Normal Retirement Date shall receive a retirement income, payable monthly, equal to 1.6% of Average Monthly Compensation multiplied by Benefit Service, less 1.5% of the Monthly Social Security Benefit multiplied by Benefit Service, limited to 33-1/3 years.

The formula became effective on January 1, 1988. The accrued benefit prior to the change in plan formula is a minimum benefit upon termination.

# **Early Retirement Eligibility**

Age 55 with 15 Years of Service.

# **Early Retirement Benefits**

If payments begin before age 60, the accrued benefit is reduced 5% per year prior to age 60. If payments are deferred to age 60 or later, the full accrued benefit is payable.

#### **Late Retirement**

A participant may continue to work beyond his Normal Retirement Date. The late retirement benefit is a monthly benefit based on the greater of the Normal Retirement Benefit Formula using Average Monthly Compensation and Benefit Service to date of actual retirement or the actuarial equivalent of the Normal Retirement Benefit at the Normal Retirement Date determined as of the Late Retirement Date.

# **Employee Contributions**

Between October 1, 1965 and December 31, 1969, employees contributed 2.5% of monthly basic earnings up to Social Security Wage Base plus 4% of excess earnings. No contributions were required after December 31, 1969. Employee contributions with interest are a minimum benefit.

### **Benefits on Termination of Service**

If a participant terminates service for any reason other than death or early, normal, or late retirement, he will be vested in his deferred accrued benefit after five years of service. All active participants on August 15, 2000 were granted 100% vesting.

### **Preretirement Death Benefits**

Participants who are married are entitled to a death benefit payable to their spouse under a 50% joint and survivor annuity actuarially equivalent to their vested accrued benefit. Should the participant die before attaining the earliest retirement age, the spouse's benefit will commence at the time the participant would have reached his earliest retirement age.

#### **Normal Form of Benefit**

The amount calculated by the Normal Retirement Benefit Formula for single participants is a monthly straight-life amount. The normal form for married participants is a 50% joint and survivor annuity that is actuarially equivalent to the straight-life annuity. The following other forms are available:

- a. Straight-life monthly amount
- b. Joint and survivor amount of 50%, 75%, or 100%
- c. Period certain of 60 or 120 months and continuous for life



EIN 74-6048227, PN 002, Retirement Plan for Employees of Olympic Pipe Line Company Schedule SB, Part V - Summary of Plan Provisions

# **Changes in Principal Plan Provisions Since Prior Valuation**

# SCHEDULE SB (Form 5500)

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

# Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

File as an attachment to Form 5500 or 5500-SF.

OMB No. 1210-0110

2018

This Form is Open to Public Inspection

| Fo       | or calendar plan year 2018 or fiscal plan year beginning 01/01/2018   | and ending  | g                      | 12/31/20                                      | 18   |
|----------|---|---|------------------------|---|--|
| •        | Round off amounts to nearest dollar.  |   |                        |   |  |
| <b>.</b> | Caution: A penalty of \$1,000 will be assessed for late filling of this report unless reasonable of   | ause is established                                     | i.                     |   |  |
| Α        | Name of plan  | B Three-dig   | jit                    |   |  |
|          | RETIREMENT PLAN FOR EMPLOYEES OF OLYMPIC PIPE LINE  | plan num  | ber (PN                | ) ▶   | 002  |
|          | COMPANY   |   |                        |   |  |
| _        | Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF   | D Employer  | ldantifia              | ation Number /E                               | IND  |
| C        | Plan sponsor's name as shown on line 2a of Form 5500 of 5500-5F   | D Employer  | identilic              | ation Number (E                               | IIN).  |
|          | OLYMPIC PIPE LINE COMPANY LLC   | 74-604  | 8227                   |   | · · · · · · · · · · · · · · · · · · ·                |
| E        | Type of plan: X Single Multiple-A Multiple-B F Prior year plan size:  | X 100 or fewer  | 101-                   | 500 More th                                   | an 500   |
| F        | Part I Basic Information  |   |                        |   |  |
| 1        | Enter the valuation date: Month 01 Day 01 Year 2018   |   |                        |   |  |
| 2        | Assets:   |   |                        |   |  |
|          | a Market value  |   | 2a                     |   | 9,595,786  |
|          | <b>b</b> Actuarial value  |   | 2b                     |   | 9,190,200  |
| 3        |   | 1) Number of<br>participants                            |                        | sted Funding<br>Target                        | (3) Total Funding<br>Target                          |
|          | a For retired participants and beneficiaries receiving payment  | 52  |                        | 6,062,042                                     | 6,062,042  |
|          | b For terminated vested participants  | 43  |                        | 1,521,478                                     | 1,521,478  |
|          | C For active participants   | 0   |                        | 0   | 0  |
|          | d Total   | 95  |                        | 7,583,520                                     | 7,583,520  |
| 4        | If the plan is in at-risk status, check the box and complete lines (a) and (b)  |   |                        |   |  |
|          | a Funding target disregarding prescribed at-risk assumptions  |   | 4a                     | # 100 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0       |  |
|          | <b>b</b> Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that at-risk status for fewer than five consecutive years and disregarding loading factor  | t have been in  | 4b                     |   |  |
| 5        | Effective interest rate   |   | 5                      |   | 5.59%  |
| 6        | Target normal cost  |   | 6                      |   | 150,000  |
| Sta      | tement by Enrolled Actuary  |   |                        |   |  |
|          | To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachr accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the | ments, if any, is complete<br>experience of the plan an | and accur<br>d reasona | ate. Each prescribed<br>ble expectations) and | assumption was applied in such other assumptions, in |
|          | combination, offer my best estimate of anticipated experience under the plan.   |   |                        |   |  |
|          | SIGN HERE Mannich Manahada  |   |                        | 10/07/20:                                     | L9   |
| <u></u>  | Signature of actuary  | -   |                        | Date  |  |
| MAH      | IRUKH MAVALVALA   |   |                        | 1705999                                       |  |
|          | Type or print name of actuary   |   | Most r                 | ecent enrollmen                               | t number   |
| MII      | LIMAN, INC.   |   |                        | 206-624-79                                    | 940  |
|          | Firm name   | Tel   | ephone                 | number (includi                               | ng area code)  |
| 130      | 1 FIFTH AVENUE, SUITE 3800  |   |                        |   |  |
| SEA      | TTLE WA 98101-2605  |   |                        |   |  |
|          | Address of the firm   | <del>_</del>  |                        |   |  |
| If the   | e actuary has not fully reflected any regulation or ruling promulgated under the statute in compl   | leting this schedule                                    | , check                | the box and see                               |  |

| ·*·         | Schedule                 | SB (Form 5500) 2018  |  | 1                 | Page <b>2 -</b> |  |        |  |  |                                       |
|-------------|--------------------------|--|--|-------------------|-----------------|--|--------|--|--|---------------------------------------|
| Pa          | ırt II Begi              | nning of Year Carryov  | er and Prefunding B                                | alances           |                 |  |        |  |  |                                       |
|             |                          | ning of prior year after applic                                    |  |                   | (a) C           | arryover balance   | 0      | (b) Pi                                 | refundi                                  | ng balance                            |
| 8           | Portion elected for      | or use to offset prior year's fu                                   | nding requirement (line 35 f                       | rom prior         |                 |  | 0      |  |  |                                       |
|             | <del></del>              | g (line 7 minus line 8)  |  |                   |                 |  | 0      |  | <u> </u>                                 |                                       |
|             | 1999                     | using prior year's actual retu                                     |  | -                 |                 |  | 0      |  |  | Paramera ann                          |
|             |                          | ss contributions to be added                                       |  | V.                |                 |  |        |  |  |                                       |
|             | •                        | of excess contributions (line                                      | , •  |                   |                 |  |        |  | 12-12-12-12-12-12-12-12-12-12-12-12-12-1 | 472,94                                |
|             | b(1) Interest on         | the excess, if any, of line 38a<br>B, using prior year's effective | a over line 38b from prior ye                      | ar                |                 |  |        |  |  | 27,28                                 |
|             | b(2) Interest on         | line 38b from prior year Sche                                      | edule SB, using prior year's                       | actual            |                 |  |        |  |  | 2.,20                                 |
|             |                          | ***************************************                            |  | M89               |                 |  |        |  |  |                                       |
|             | C Total available a      | at beginning of current plan yea                                   | ar to add to prefunding balanc                     | e                 |                 | 0.000  |        |  |  | 500,23                                |
|             | d Portion of (c) to      | be added to prefunding bal   | ance   |                   |                 |  |        |  |  |                                       |
| 12          | Other reductions         | in balances due to elections                                       | or deemed elections                                |                   |                 |  | 0      |  |  |                                       |
|             |                          | ning of current year (line 9 +                                     |  |                   | ••              |  | 0      |  |  |                                       |
| 1,447       | . 11,000,000,000         | nding Percentages  |  |                   |                 |  |        | ************************************** |  |                                       |
| <del></del> |                          | tainment percentage  |  |                   |                 | -1-3-7-44  |        |  | 14                                       | 121.18%                               |
|             |                          | target attainment percentage                                       |  |                   |                 |  |        |  | 15                                       | 121.18%                               |
| 16          | Prior year's fundi       | ng percentage for purposes of                                      | of determining whether carry                       | over/prefundi     | ng balance      | s may be used to re  | duce c | current                                | 16                                       | 120.76%                               |
|             |                          | e of the assets of the plan is                                     |  |                   |                 |  |        |  | 17                                       | %                                     |
| De          | art IV Cor               | ntributions and Liquid   | ity Shortfalls                                     |                   |                 |  |        | L                                      |  | <u> </u>                              |
|             |                          | de to the plan for the plan ye                                     |  | UNGGC.            |                 |  |        |  |  |                                       |
|             | (a) Date<br>M-DD-YYYY)   | (b) Amount paid by employer(s)                                     | (c) Amount paid by<br>employees                    | (a) Da<br>(MM-DD- |                 | (b) Amount paid<br>employer(s)   | by     | (c)                                    |  | nt paid by<br>oyees                   |
|             |                          |  |  |                   |                 |  |        |  |  |                                       |
|             |                          |  | 47-14-14-14-14-14-1                                |                   |                 |  |        |  |  |                                       |
|             |                          |  |  |                   |                 |  |        | <u> </u>                               |  |                                       |
|             |                          |  | - Antique  |                   |                 |  |        | ļ                                      |  |                                       |
|             |                          | ļ  |  |                   |                 |  |        | <b></b>                                |  |                                       |
|             |                          |  | A. J. W. W. S. |                   |                 |  |        |  |  |                                       |
|             |                          |  |  |                   | -               |  |        | -                                      |  |                                       |
|             |                          |  |  |                   |                 |  |        |  |  |                                       |
|             |                          |  |  |                   | -               |  |        |  |  | · · · · · · · · · · · · · · · · · · · |
|             |                          |  |  | -                 |                 | NAMES AND ASSESSED ASSESSEDA ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSEDA ASSESSED ASSESSED ASSESSEDANCE ASSESSED ASSESSED ASSESSED ASSES |        |  |  | ·                                     |
|             |                          |  |  |                   |                 |  |        |  |  |                                       |
|             |                          |  |  |                   |                 |  |        |  |  |                                       |
|             |                          |  |  |                   |                 |  |        |  |  |                                       |
|             |                          |  |  | Totals ▶          | 18(b)           |  | 0      | 18(c)                                  |  |                                       |
| 19          | Discounted emplo         | oyer contributions – see instr                                     | uctions for small plan with a                      | valuation date    | e after the l   | oeginning of the yea   | r:     |  |  |                                       |
| ;           | a Contributions a        | illocated toward unpaid minir                                      | num required contributions                         | rom prior yea     | rs              | 19   | a      |  |  |                                       |
| J           | <b>b</b> Contributions n | nade to avoid restrictions adj                                     | usted to valuation date                            |                   |                 | 19   | b      |  |  |                                       |
|             | Contributions of         | located toward minimum requi                                       | red contribution for current ve                    | ar adjusted to    | ialuation da    | ate19  | c      |  |  |                                       |

Liquidity shortfall as of end of quarter of this plan year

(4) 4th

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

20 Quarterly contributions and liquidity shortfalls:

(1) 1st

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

(2) 2nd

|          | Part V Assumpti  | ons Used to Determin                  | e Funding Target and Tar                                      | net Normal Cost          |            | WHITE EXTENSION AND ADDRESS OF THE STATE OF |  |  |  |  |
|----------|--|---------------------------------------|---|--------------------------|------------|---|--|--|--|--|
| 21       |  |                                       | or allaning ranger and range                                  | got Horrian Goot         |            |   |  |  |  |  |
|          | a Segment rates:   | 1st segment:<br>3 . 92 %              | 2nd segment:<br>5.52 %  | 3rd segment:             |            | N/A, full yield curve used  |  |  |  |  |
|          | <b>b</b> Applicable month (er  | nter code)                            |   | 1                        | 21b        | 4   |  |  |  |  |
| 22       |  |                                       |   |                          | 22         |   |  |  |  |  |
|          | Mortality table(s) (see  |                                       |   |                          | LL.        | e  Substitute   |  |  |  |  |
|          | wortanty table(s) (see   | ,                                     |   |                          |            |   |  |  |  |  |
|          | Current regulation: Prescribed - combined X Prescribed - separate Substitute       |                                       |   |                          |            |   |  |  |  |  |
| P        | Part VI Miscellaneous Items  |                                       |   |                          |            |   |  |  |  |  |
| 24       | ~  | •                                     | arial assumptions for the current p                           | •                        |            |   |  |  |  |  |
| 25       | Has a method change l  | been made for the current pla         | n year? If "Yes," see instructions r                          | egarding required attach | ment       | Yes X No  |  |  |  |  |
| 26       | Is the plan required to p  | provide a Schedule of Active F        | Participants? If "Yes," see instructi                         | ons regarding required a | attachment | Yes X No  |  |  |  |  |
| 27       |  | _                                     | r applicable code and see instructi                           |                          | 27         |   |  |  |  |  |
| P        | art VII Reconcili  | ation of Unpaid Minim                 | um Required Contributior                                      | s For Prior Years        |            |   |  |  |  |  |
| 28       | Unpaid minimum requir  | ed contributions for all prior y      | ears  | ****************         | 28         | 0   |  |  |  |  |
| 29       |  |                                       | unpaid minimum required contribu                              |                          | 29         | 0   |  |  |  |  |
| 30       | Remaining amount of u  | npaid minimum required cont           | ributions (line 28 minus line 29)                             |                          | 30         | 0   |  |  |  |  |
| Pa       | art VIII Minimum   | Required Contribution                 | For Current Year  |                          |            |   |  |  |  |  |
| 31       | Target normal cost and   | l excess assets (see instruction      | ons):   |                          |            |   |  |  |  |  |
|          | a Target normal cost (li   | ne 6)                                 | ***************************************                       |                          | 31a        | 150,000   |  |  |  |  |
|          | <b>b</b> Excess assets, if app   | licable, but not greater than li      | ne 31a  |                          | 31b        | 150,000   |  |  |  |  |
| 32       | Amortization installmen  | ts:                                   |   | Outstanding Bala         | nce        | Installment   |  |  |  |  |
|          | a Net shortfall amortiza   | tion installment                      |   |                          | 0          | 0   |  |  |  |  |
|          | <b>b</b> Waiver amortization   | installment                           |   |                          | 0          | 0   |  |  |  |  |
| 33       |  |                                       | er the date of the ruling letter grant) and the waived amount |                          | 33         |   |  |  |  |  |
| 34       | Total funding requirement  | ent before reflecting carryover       | /prefunding balances (lines 31a - 3                           | 1b + 32a + 32b - 33)     | 34         | . 0   |  |  |  |  |
|          |  |                                       | Carryover balance   | Prefunding balar         | nce        | Total balance   |  |  |  |  |
| 35       | Balances elected for us  | e to offset funding                   | 0   |                          | 0          | 0   |  |  |  |  |
| 36       |  |                                       |   | I                        | 36         | 0   |  |  |  |  |
| 37       | Contributions allocated  | toward minimum required cor           | ntribution for current year adjusted                          | to valuation date (line  | 37         | 0   |  |  |  |  |
| 38       |  | s contributions for current yea       |   |                          | I          |   |  |  |  |  |
|          |  |                                       |   |                          | 38a        | 0   |  |  |  |  |
|          |  |                                       | efunding and funding standard car                             |                          | 38b        | 0   |  |  |  |  |
| 39       |  | · · · · · · · · · · · · · · · · · · · |   |                          | 39         | 0   |  |  |  |  |
| 40       | of Stipala Imminiant requires continuous for content year (cheece), any,           |                                       |   |                          |            |   |  |  |  |  |
| 1.45 (4) | Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions) |                                       |   |                          |            |   |  |  |  |  |
| 1.4.180  | CL + C 1 V2 1224 - KC 12 C 144 134   | to use PRA 2010 funding reli          |   |                          |            |   |  |  |  |  |
|          |  |                                       |   |                          | П          | 2 plus 7 years 15 years   |  |  |  |  |
|          |  |                                       | la was made   |                          |            | 8   |  |  |  |  |



# Appendix A - Summary of Actuarial Methods

The ultimate cost of a pension plan is the excess of actual benefits and administrative expenses paid over actual net investment return on plan assets during the Plan's existence until the last payment has been made to the last participant. The Plan's "actuarial cost method" determines the expected incidence of actuarial costs by allocating portions of the ultimate cost to each plan year. The cost method is thus a budgeting tool to help ensure that the Plan will be adequately and systematically funded and accounted for. Annual contributions and accounting expense are also affected by the "asset valuation method" (as well as the plan provisions, actuarial assumptions, and actual plan demographic and investment experience each year).

# **Actuarial Cost Method**

The actuarial cost method used for determining the Plan's ERISA funding requirements and the FASB ASC Topic 960 values is the <u>Unit Credit</u> method. Under this method, an accrued benefit is determined at each active participant's assumed retirement age based on compensation and service at both the beginning and the end of the current year. The Plan's Normal Cost is the sum of the present value of the excess of each active participant's accrued benefit at the end of the current year over that at the beginning of the current year. The Plan's accrued liability is the sum of (a) the present value of each active participant's accrued benefit at the beginning of the current year plus (b) the present value of each inactive participant's benefits. This method is prescribed for ERISA funding requirements by the Pension Protection Act of 2006.

The actuarial cost method used for determining the Plan Sponsor's FASB ASC Topic 715 accounting requirements is the <u>Projected Unit Credit</u> method, as required by FASB. Under this method, a projected benefit is determined at each active participant's assumed retirement age assuming future compensation increases. The Plan's Normal Cost is the sum of the present value of the portion of each active participant's projected benefit attributable to the current year of service. The Plan's accrued liability is the sum of (a) the present value of the portion of each active participant's projected benefit attributable to all prior years of service plus (b) the present value of each inactive participant's benefits.

#### **Asset Valuation Method**

The Actuarial Value of Assets used for determining the Plan's ERISA funding requirements is based on the permitted three-year asset smoothing as defined under IRS Notice 2009-22 (adopted January 1, 2009). Under this method, the Actuarial Value of Assets equals the Market Value of Assets minus one-third and two-thirds, respectively of the investment gain or loss for each of the two immediately preceding plan years, but it must be within 90% to 110% of the Market Value of Assets. The Market Value of Assets is equal to the Fair Value of Assets as of the valuation date plus the discounted value of employer contributions made after the valuation date. These contributions are discounted to the valuation date using the Effective Interest Rate for the prior plan year. The expected investment return for a plan year is based on the lesser of the expected rate of return on plan assets (currently 4.00% per year) or the applicable statutory interest rate for the year.

The Market-Related Value of Assets used for determining the Plan Sponsor's FASB ASC Topic 715 accounting requirements is equal to the Fair Value of Assets (without inclusion of any receivable contributions).

# **PBGC Variable-Rate Premium Method**

The Standard Premium Funding Target method is used for the PBGC variable-rate premium calculation (adopted January 1, 2017).



# **Amortization Method**

For the Plan's ERISA funding requirements, incremental Funding Shortfall amounts are amortized over a seven-year period, and the related shortfall amortization payment is determined on the first valuation date following the plan year in which it arises based on the segment rates used for ERISA minimum funding purposes on that date, as prescribed under IRC Section 430.

For FASB ASC Topic 715 accounting purposes, cumulative unrecognized net gains or losses (excluding asset gains or losses not yet reflected in the Market-Related Value of Assets) in excess of 10% of the greater of (i) the Market-Related Value of Assets and (ii) the Projected Benefit Obligation are amortized over the lesser of the average future lifetime of inactive participants or 10 years.

**Changes in Actuarial Methods Since Prior Valuation** 



# Appendix B - Summary of Actuarial Assumptions

#### **ECONOMIC ASSUMPTIONS**

## **Interest Rates**

The current funding and PBGC interest rates are as follows. The funding interest rates are prescribed under IRS regulations based on the Plan Sponsor's interest rate election. The PBGC interest rates are based on the Plan Sponsor's elected method for determining the premium funding target.

|                         | Minimum Funding | Maximum Deductible | PBGC Premium |
|-------------------------|-----------------|--------------------|--------------|
| Segment 1 (0-5 years)   | 3.92%           | 1.75%              | 2.33%        |
| Segment 2 (5-20 years)  | 5.52%           | 3.76%              | 3.55%        |
| Segment 3 (20+ years)   | 6.29%           | 4.66%              | 4.11%        |
| Effective Interest Rate | 5.59%           | 3.91%              | 3.66%        |

**IRS minimum funding:** 24-month average segment rates, using a four-month lookback period, adjusted to reflect the applicable segment rate stabilization corridor (adopted January 1, 2010).

**IRS maximum deductible:** 24-month average segment rates, using a four-month lookback period, but not adjusted to reflect segment rate stabilization (adopted January 1, 2010).

**PBGC premium:** Spot segment rates for the month preceding the valuation date, but not adjusted to reflect segment rate stabilization (adopted January 1, 2017).

**FASB ASC Topic 715:** 3.30% per year (adopted December 31, 2017). This discount rate represents the theoretical rate at which the liabilities could be settled in the bond market as of December 31, 2017. It is based on the December 31, 2017 Citigroup Pension Discount Curve and the Plan's projected benefit payments.

**FASB ASC Topic 960:** 4.00% per year (adopted January 1, 2018). This represents the expected long-term geometric mean return on assets based on the Plan's investment policy, including target asset allocation, and the actuary's capital market expectations.

### **Asset Returns**

**IRS minimum funding and maximum deductible:** 4.00% per year (adopted January 1, 2018). This represents the expected long-term geometric mean return on assets based on the Plan's investment policy, including target asset allocation, and the actuary's capital market expectations.

**FASB ASC Topic 715**: 4.00% per year (adopted December 31, 2017). This represents the expected long-term arithmetic mean return on assets based on the Plan's investment policy, including target asset allocation, and the Plan Sponsor's capital market expectations.

#### **Postretirement Benefit Increases**

None. (The Plan does not provide for automatic postretirement benefit increases.)



# **Administrative Expenses**

An allowance of \$150,000 for administrative expenses has been included in the Target Normal Cost, reflecting expected administrative expenses to be paid from the Plan's trust during the current year (adopted January 1, 2018).

### **DEMOGRAPHIC ASSUMPTIONS**

Except where noted, all demographic assumptions are based on the actuary's judgment and continual review of experience.

# Mortality

**IRS minimum funding, maximum deductible, and PBGC premium:** The mortality assumption is based on IRS and PBGC regulations (adopted January 1, 2008 and updated annually).

Non-annuitant and Annuitant Static Mortality Tables, sex-distinct, as prescribed by IRC Section 430(h)(3)(A) for IRS funding requirements.

**FASB ASC Topic 715 and 960:** The mortality assumption is based on the RP-2014 and MP-2017 tables published by the Society of Actuaries (adopted December 31, 2017 for FASB 715 and January 1, 2018 for FASB 960).

RP-2014 Mortality Tables, adjusted to factor out Scale MP-2014 from the 2006 base year, then projected forward using Scale MP-2017 on a generational basis, with sex-distinct Employee rates before benefit commencement and Healthy Annuitant rates after benefit commencement.

### Retirement

Terminated vested participants are assumed to commence benefits at earliest eligibility under the Plan.

#### **Decrement Timing**

Decrements are assumed to occur at the beginning of the year.

# Form of Payment

Life annuity. (All optional forms are actuarially equivalent to the Plan's normal form of payment.)

#### **Marital Characteristics**

For participants not in pay status: 100% of terminated vested participants are assumed to be married, with males three years older than females.

For participants in pay status: Actual birth dates of spouses are included in the census data, where relevant.

#### **Benefits Not Valued**

All benefits are valued.

# **Special Data Adjustments**



EIN 74-6048227, PN 002, Retirement Plan for Employees of Olympic Pipe Line Company Schedule SB, Part V – Summary of Plan Provisions

# Appendix C - Summary of Principal Plan Provisions

This summary of plan provisions is intended to only describe the essential features of the Plan. All eligibility requirements and benefit amounts shall be determined in strict accordance with the plan document itself.

### **Effective Date**

The Plan was established October 1, 1965 and was amended August 15, 2000 to freeze all benefits. All participants at that time were granted 100% vesting.

### Plan Year and Fiscal Year

The Plan Year and Fiscal Year both end December 31.

# **Eligibility Requirements**

All employees are eligible to participate on the first of the month coincident with or next following date of hire. As of August 15, 2000, the Plan is not open to new hires.

# **Normal Retirement Age**

Age 65.

### **Normal Retirement Date**

The first day of the month coincident with or next following the date on which an employee attains his Normal Retirement Age.

### **Benefit Service**

Benefit Service is measured in years and completed months. No Benefit Service shall be earned after August 15, 2000.

# **Average Monthly Compensation**

Average Monthly Compensation is the average of W-2 Earnings (including amounts not includable in the gross income of the employee due to Code Sections 125, 402(e)(3), 402(h), or 403(b) and excluding fringe benefits, moving expenses, and deferred compensation) for the highest consecutive 36 months out of the last 120 months just prior to the earlier of actual retirement date, date of termination, or date of plan freeze.

# **Monthly Social Security Benefit**

Monthly Social Security Benefit means the amount the employee is entitled to receive as the primary insurance amount based on the Social Security law in effect on the earlier of Normal Retirement Date, date of termination, or August 15, 2000.



EIN 74-6048227, PN 002, Retirement Plan for Employees of Olympic Pipe Line Company Schedule SB, Part V – Summary of Plan Provisions

### **Normal Retirement Benefit Formula**

Each participant who retires on his Normal Retirement Date shall receive a retirement income, payable monthly, equal to 1.6% of Average Monthly Compensation multiplied by Benefit Service, less 1.5% of the Monthly Social Security Benefit multiplied by Benefit Service, limited to 33-1/3 years.

The formula became effective on January 1, 1988. The accrued benefit prior to the change in plan formula is a minimum benefit upon termination.

# **Early Retirement Eligibility**

Age 55 with 15 Years of Service.

# **Early Retirement Benefits**

If payments begin before age 60, the accrued benefit is reduced 5% per year prior to age 60. If payments are deferred to age 60 or later, the full accrued benefit is payable.

### **Late Retirement**

A participant may continue to work beyond his Normal Retirement Date. The late retirement benefit is a monthly benefit based on the greater of the Normal Retirement Benefit Formula using Average Monthly Compensation and Benefit Service to date of actual retirement or the actuarial equivalent of the Normal Retirement Benefit at the Normal Retirement Date determined as of the Late Retirement Date.

# **Employee Contributions**

Between October 1, 1965 and December 31, 1969, employees contributed 2.5% of monthly basic earnings up to Social Security Wage Base plus 4% of excess earnings. No contributions were required after December 31, 1969. Employee contributions with interest are a minimum benefit.

### **Benefits on Termination of Service**

If a participant terminates service for any reason other than death or early, normal, or late retirement, he will be vested in his deferred accrued benefit after five years of service. All active participants on August 15, 2000 were granted 100% vesting.

### **Preretirement Death Benefits**

Participants who are married are entitled to a death benefit payable to their spouse under a 50% joint and survivor annuity actuarially equivalent to their vested accrued benefit. Should the participant die before attaining the earliest retirement age, the spouse's benefit will commence at the time the participant would have reached his earliest retirement age.

#### **Normal Form of Benefit**

The amount calculated by the Normal Retirement Benefit Formula for single participants is a monthly straight-life amount. The normal form for married participants is a 50% joint and survivor annuity that is actuarially equivalent to the straight-life annuity. The following other forms are available:

- a. Straight-life monthly amount
- b. Joint and survivor amount of 50%, 75%, or 100%
- c. Period certain of 60 or 120 months and continuous for life



EIN 74-6048227, PN 002, Retirement Plan for Employees of Olympic Pipe Line Company Schedule SB, Part V – Summary of Plan Provisions

# **Changes in Principal Plan Provisions Since Prior Valuation**



EIN 74-6048227, PN 002, Retirement Plan for Employees of Olympic Pipe Line Company Schedule SB, Line 24 – Change in Actuarial Assumptions

# **Changes in Actuarial Assumptions since Prior Valuation**

**Interest rates for IRS minimum funding:** Effective January 1, 2018, the interest rates used to determine the minimum funding requirements were updated based on the applicable 24-month average segment rates with a four-month lookback from the valuation date, adjusted to reflect the applicable segment rate stabilization corridor. The interest rates were updated to comply with IRS requirements.

**Interest rates for IRS maximum deductible:** Effective January 1, 2018, the interest rates used for maximum deductible purposes were updated as noted above, but not adjusted to reflect segment rate stabilization. The interest rates were updated to comply with IRS requirements.

**Interest rates for PBGC premium:** Effective January 1, 2018, the interest rates used for PBGC variable-rate premium purposes were updated to the spot segment rates in effect for the month preceding the valuation date. The interest rates were updated to comply with PBGC requirements.

**Interest rate for FASB ASC Topic 715:** Effective December 31, 2017, the FASB 715 discount rate was changed from 3.80% to 3.30% per year. The discount rate was changed to reflect interest rates currently available on high-quality fixed income investments.

Interest rate for FASB ASC Topic 960 and asset return for IRS funding: Effective January 1, 2018, the FASB 960 interest rate and the asset return for IRS funding were changed from 6.25% to 4.00% per year. The interest rate and asset return assumptions were changed to reflect the Plan's investment policy and the actuary's capital market expectations.

Asset return for FASB ASC Topic 715: Effective December 31, 2017, the asset return assumption for FASB 715 purposes was changed from 6.25% to 4.00% per year. The asset return assumption was changed to reflect the Plan's investment policy and the Plan Sponsor's capital market expectations.

Mortality for IRS minimum funding, IRS maximum deductible, and PBGC premium: Effective January 1, 2018, the mortality table was updated as prescribed by IRC Section 430(h)(3)(A). The mortality assumption was updated to comply with IRS and PBGC requirements.

Mortality for FASB ASC Topic 715 and 960: Effective December 31, 2017 for FASB 715 and January 1, 2018 for FASB 960, the mortality assumption was updated to the RP-2014 Mortality Tables, adjusted to factor out Scale MP-2014 from the 2006 base year, then projected forward using Scale MP-2017 on a generational basis, with sex-distinct Employee rates before benefit commencement and Healthy Annuitant rates after benefit commencement. The prior assumption projected forward using Scale MP-2016. The mortality assumption was updated to reflect the MP-2017 tables published by the Society of Actuaries in October 2017.

**Administrative expenses:** Effective January 1, 2018, the administrative expense load was increased from \$5,000 to \$150,000 to anticipate certain fees to be paid from the Plan's trust for actuarial services and plan termination work.