

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans 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). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2020</div> This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2020 or fiscal plan year beginning <u>01/01/2020</u> and ending <u>12/31/2020</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
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 If the plan is a collectively-bargained plan, check here.	☒
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)

Part II	Basic Plan Information —enter all requested information				
1a Name of plan <u>PENSION PLAN FOR HOURLY EMPLOYEES AT EDISON, NJ</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>012</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>04/01/2006</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>012</u>	1c Effective date of plan <u>04/01/2006</u>	
1b Three-digit plan number (PN) ▶	<u>012</u>				
1c Effective date of plan <u>04/01/2006</u>					
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>EQUISTAR CHEMICALS, LP</u> <u>1221 MCKINNEY, SUITE 300</u> <u>HOUSTON, TX 77010-2006</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) <u>76-0550481</u></td> </tr> <tr> <td>2c Plan Sponsor's telephone number <u>713-309-7200</u></td> </tr> <tr> <td>2d Business code (see instructions) <u>325900</u></td> </tr> </table>	2b Employer Identification Number (EIN) <u>76-0550481</u>	2c Plan Sponsor's telephone number <u>713-309-7200</u>	2d Business code (see instructions) <u>325900</u>	
2b Employer Identification Number (EIN) <u>76-0550481</u>					
2c Plan Sponsor's telephone number <u>713-309-7200</u>					
2d Business code (see instructions) <u>325900</u>					

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

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/14/2021	REBECCA PATTERSON HOLMES
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2020)
v. 200204

3a Plan administrator's name and address ☐ Same as Plan Sponsor BENEFITS ADMINISTRATIVE COMMITTEE 1221 MCKINNEY, SUITE 300 HOUSTON, TX 77010-2006		3b Administrator's EIN 20-3443655 3c Administrator's telephone number 713-309-7200	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN	
5 Total number of participants at the beginning of the plan year		5	41
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).			
a(1) Total number of active participants at the beginning of the plan year.....		6a(1)	19
a(2) Total number of active participants at the end of the plan year		6a(2)	0
b Retired or separated participants receiving benefits.....		6b	0
c Other retired or separated participants entitled to future benefits		6c	0
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	0
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	0
f Total. Add lines 6d and 6e		6f	0
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6h	0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....		7	
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1B 3H b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:			
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)			
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☒ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☐ H (Financial Information) (2) ☒ I (Financial Information – Small Plan) (3) ☐ <u>0</u> A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2020 Form M-1 annual report. If the plan was not required to file the 2020 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

<div>SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Single-Employer Defined Benefit Plan Actuarial Information</div> <div>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).</div> <div>▶ File as an attachment to Form 5500 or 5500-SF.</div>	<div>OMB No. 1210-0110</div> <div>2020</div> <div>This Form is Open to Public Inspection</div>
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020	
▶ 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 PENSION PLAN FOR HOURLY EMPLOYEES AT EDISON, NJ	B Three-digit plan number (PN) ▶ 012
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF EQUISTAR CHEMICALS, LP	D Employer Identification Number (EIN) 76-0550481
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information			
1	Enter the valuation date: Month 01 Day 01 Year 2020			
2	Assets:			
a	Market value	2a	1899022	
b	Actuarial value	2b	1854493	
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a	For retired participants and beneficiaries receiving payment.....	15	686734	686734
b	For terminated vested participants.....	7	257084	257084
c	For active participants	19	692750	770457
d	Total.....	41	1636568	1714275
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐			
a	Funding target disregarding prescribed at-risk assumptions		4a	
b	Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....		4b	
5	Effective interest rate		5	5.53 %
6	Target normal cost.....		6	90219

Statement by Enrolled Actuary	
To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.	
SIGN HERE	
Signature of actuary	09/23/2021
DAVID ANDERSON	Date
Type or print name of actuary	20-07493
WILLIS TOWERS WATSON US LLC	Most recent enrollment number
Firm name	713-754-5400
811 LOUISIANA STREET SUITE 2200 HOUSTON, TX 77002	Telephone number (including area code)
Address of the firm	

Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	211068
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	82068
9	Amount remaining (line 7 minus line 8)	0	129000
10	Interest on line 9 using prior year's actual return of <u>15.48</u> %	0	19969
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		0
b(1)	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.67</u> %		0
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c	Total available at beginning of current plan year to add to prefunding balance		0
d	Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	10000
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	138969

Part III		Funding Percentages	
14	Funding target attainment percentage	14	100.07 %
15	Adjusted funding target attainment percentage	15	108.17 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	99.71 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV		Contributions and Liquidity Shortfalls			
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ►			18(b)	0	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:			
a Contributions allocated toward unpaid minimum required contributions from prior years.	19a 0		
b Contributions made to avoid restrictions adjusted to valuation date	19b 0		
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c 0		
20 Quarterly contributions and liquidity shortfalls:			
a Did the plan have a "funding shortfall" for the prior year?	☒ Yes ☐ No		
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	☒ Yes ☐ No		
c If line 20a is "Yes," see instructions and complete the following table as applicable:			
Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

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

21 Discount rate:			
a Segment rates:	1st segment: 3.64 %	2nd segment: 5.21 %	3rd segment: 5.94 %
			☐ N/A, full yield curve used
b Applicable month (enter code)			21b 4
22 Weighted average retirement age			22 62
23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute			

Part VI Miscellaneous Items

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

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

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

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6).....		31a	90219
b Excess assets, if applicable, but not greater than line 31a		31b	1249
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	0	0	
b Waiver amortization installment	0	0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount.....		33	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....		34	88970
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	88970	88970
36 Additional cash requirement (line 34 minus line 35)		36	0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)		37	0
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)		38a	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances		38b	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)		39	0
40 Unpaid minimum required contributions for all years		40	0

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

41 If an election was made to use PRA 2010 funding relief for this plan:	
a Schedule elected	☐ 2 plus 7 years ☐ 15 years
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2020
		This Form is Open to Public Inspection.

For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020		
A Name of plan PENSION PLAN FOR HOURLY EMPLOYEES AT EDISON, NJ	B Three-digit plan number (PN) ▶	012
C Plan sponsor's name as shown on line 2a of Form 5500 EQUISTAR CHEMICALS, LP	D Employer Identification Number (EIN) 76-0550481	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a** Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. ☐ Yes ☒ No
- b** If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

a Name:	PENNY A. BAILEY	b EIN:	13-2834414
c Position:	ACTUARY		
d Address:	701 MARKET ST..., SUITE 1100 ST. LOUIS, MO 63101-1867	e Telephone:	314-588-2500

Explanation: AS THE RESULT OF AN RFP FOR ACTUARIAL SERVICES, WILLIS TOWERS WATSON WAS APPOINTED AS THE PLAN ACTUARY, REPLACING MERCER.

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

<p style="text-align: center;">SCHEDULE D (Form 5500)</p> <p style="text-align: center; font-size: small;">Department of the Treasury Internal Revenue Service</p> <hr/> <p style="text-align: center; font-size: small;">Department of Labor Employee Benefits Security Administration</p>	<p style="text-align: center;">DFE/Participating Plan Information</p> <p style="text-align: center; font-size: small;">This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</p> <p style="text-align: center; font-weight: bold;">▶ File as an attachment to Form 5500.</p>	<p style="text-align: center; font-size: small;">OMB No. 1210-0110</p> <hr/> <p style="text-align: center; font-size: large; font-weight: bold;">2020</p> <hr/> <p style="text-align: center; font-size: small;">This Form is Open to Public Inspection.</p>
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020

<p>A Name of plan <u>PENSION PLAN FOR HOURLY EMPLOYEES AT EDISON, NJ</u></p>	<p>B Three-digit plan number (PN) ▶ <u>012</u></p>	
<p>C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>EQUISTAR CHEMICALS, LP</u></p>	<p>D Employer Identification Number (EIN) <u>76-0550481</u></p>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)
(Complete as many entries as needed to report all interests in DFEs)	

a Name of MTIA, CCT, PSA, or 103-12 IE: LYONDELLBASELL MASTER TRUST

b Name of sponsor of entity listed in (a): LYONDELL CHEMICAL COMPANY

c EIN-PN <u>95-4160558-009</u>	d Entity code <u>M</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE I (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information—Small Plan This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2020
		This Form is Open to Public Inspection

For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020	
A Name of plan PENSION PLAN FOR HOURLY EMPLOYEES AT EDISON, NJ	B Three-digit plan number (PN) ▶ 012
C Plan sponsor's name as shown on line 2a of Form 5500 EQUISTAR CHEMICALS, LP	D Employer Identification Number (EIN) 76-0550481

Complete Schedule I if the plan covered fewer than 100 participants as of the beginning of the plan year. You may also complete Schedule I if you are filing as a small plan under the 80-120 participant rule (see instructions). Complete Schedule H if reporting as a large plan or DFE.

Part I	Small Plan Financial Information
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Report below the current value of assets and liabilities, income, expenses, transfers and changes in net assets during the plan year. Combine the value of plan assets held in more than one trust. Do not enter the value of the portion of an insurance contract that guarantees during this plan year to pay a specific dollar benefit at a future date. Include all income and expenses of the plan including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. **Round off amounts to the nearest dollar.**

1 Plan Assets and Liabilities:		(a) Beginning of Year	(b) End of Year
a Total plan assets	1a	1896982	0
b Total plan liabilities.....	1b	316	0
c Net plan assets (subtract line 1b from line 1a).....	1c	1896666	0
2 Income, Expenses, and Transfers for this Plan Year:		(a) Amount	(b) Total
a Contributions received or receivable:			
(1) Employers	2a(1)		
(2) Participants.....	2a(2)		
(3) Others (including rollovers)	2a(3)		
b Noncash contributions.....	2b		
c Other income	2c	136690	
d Total income (add lines 2a(1), 2a(2), 2a(3), 2b, and 2c)	2d		136690
e Benefits paid (including direct rollovers)	2e	61436	
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Administrative service providers (salaries, fees, and commissions)	2h		
i Other expenses.....	2i	54716	
j Total expenses (add lines 2e, 2f, 2g, 2h, and 2i)	2j		116152
k Net income (loss) (subtract line 2j from line 2d)	2k		20538
l Transfers to (from) the plan (see instructions)	2l		-1917204

3 Specific Assets: If the plan held assets at any time during the plan year in any of the following categories, check "Yes" and enter the current value of any assets remaining in the plan as of the end of the plan year. Allocate the value of the plan's interest in a commingled trust containing the assets of more than one plan on a line-by-line basis unless the trust meets one of the specific exceptions described in the instructions.		Yes	No	Amount
a Partnership/joint venture interests	3a		X	
b Employer real property	3b		X	
c Real estate (other than employer real property)	3c		X	
d Employer securities.....	3d		X	
e Participant loans	3e		X	
f Loans (other than to participants)	3f		X	
g Tangible personal property	3g		X	

Part II Compliance Questions

4 During the plan year:		Yes	No	Amount
a	Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		X	
4a			X	
b	Were any loans by the plan or fixed income obligations due the plan in default as of the close of plan year or classified during the year as uncollectible? Disregard participant loans secured by the participant's account balance.		X	
4b			X	
c	Were any leases to which the plan was a party in default or classified during the year as uncollectible?		X	
4c			X	
d	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a.)		X	
4d			X	
e	Was the plan covered by a fidelity bond?	X		61390369
4e		X		
f	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f			X	
g	Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
4g			X	
h	Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
4h			X	
i	Did the plan at any time hold 20% or more of its assets in any single security, debt, mortgage, parcel of real estate, or partnership/joint venture interest?		X	
4i			X	
j	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	X		
4j		X		
k	Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? If "No," attach an IQPA's report or 2520.104-50 statement. (See instructions on waiver eligibility and conditions.)	X		
4k		X		
l	Has the plan failed to provide any benefit when due under the plan?		X	
4l			X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m				
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3			
4n				

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?..... ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)
LYONDELLBASELL PENSION PLAN	95-4160558	012

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☒ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4318991.

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).</div> <div>▶ File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2020</div> <div>This Form is Open to Public Inspection.</div>
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020

<div>A Name of plan PENSION PLAN FOR HOURLY EMPLOYEES AT EDISON, NJ</div>	<div>B Three-digit plan number (PN) ▶ 012</div>
<div>C Plan sponsor's name as shown on line 2a of Form 5500 EQUISTAR CHEMICALS, LP</div>	<div>D Employer Identification Number (EIN) 76-0550481</div>

Part I	Distributions
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All references to distributions relate only to payments of benefits during the plan year.

1	Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	0
2	Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 13-7073479		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.			
3	Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	0

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
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4	Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☒ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.				
5	If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6	a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
	b Enter the amount contributed by the employer to the plan for this plan year	6b		
	c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....	6c		
If you completed line 6c, skip lines 8 and 9.				
7	Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8	If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☒ N/A

Part III	Amendments
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9	If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☒ No
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Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
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10	Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11	a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
	b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12	Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

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

Schedule R (Form 5500) 2020
v. 200204

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....

b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

14a	
14b	
14c	

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year.....

b The corresponding number for the second preceding plan year.....

15a	
15b	

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year.....

b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....

16a	
16b	

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐

- 19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
 Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

- 20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☒ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:
☐ Yes.
☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.
☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.
☐ No. Other. Provide explanation _____

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26 Schedule of Active Participant Data as of January 1, 2020

Attained Age	Attained Years of Credited Service ¹										Total
	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
Under 25	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0	0	0
30-34	0	2	2	0	0	0	0	0	0	0	4
35-39	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	2	0	0	1	0	0	0	0	3
45-49	0	0	1	0	0	3	0	0	0	0	4
50-54	0	1	1	0	1	0	0	0	0	0	3
55-59	0	0	1	0	0	0	0	0	0	1	2
60-64	0	0	0	0	0	1	0	0	0	1	2
65-69	0	0	0	0	0	0	0	0	0	1	1
70 & over	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	7	0	1	5	0	0	0	3	19

¹ Age and service for purposes of determining category are based on exact (not rounded) values.

Plan Name: Pension Plan for Hourly Employees at Edison, NJ

EIN / PN: 76-0550481/012

Plan Sponsor: Equistar Chemicals, LP

Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Economic Assumptions

Interest rate basis

- Applicable month September
- Interest rate basis 3-Segment Rates

Interest rates

	Reflecting Stabilization	Not Reflecting Stabilization
■ First segment rate	3.64%	2.79%
■ Second segment rate	5.21%	3.92%
■ Third segment rate	5.94%	4.38%
■ Effective interest rate	5.53%	4.16%

Annual rates of increase

- Compensation N/A
- Future Social Security wage bases 3.50%
- Statutory limits on compensation / inflation 2.50%
- Expected investment return 7.25% for plan year 2020

Plan-related expenses

\$56,000; Expected administrative expenses (assumed to equal prior year administrative expenses but adjusted for PBGC premium, with current year PBGC premiums replacing prior year) discounted with the effective interest rate to the beginning of the year are included in normal cost.

Plan Name: Pension Plan for Hourly Employees at Edison, NJ
EIN / PN: 76-0550481/012
Plan Sponsor: Equistar Chemicals, LP
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion date The valuation date coincident with or next following the date on which the employee becomes a participant.

New or rehired employees The plan is closed to new entrants. It was assumed there will be no rehired employees.

Mortality

- **Healthy and disabled** Separate rates for non-annuitants (based on RP-2014 "Employees" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2018) and annuitants (based on RP-2014 "Healthy Annuitants" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2018).

Termination

Rates varying by age; representative rates are shown below:

Attained Age	Percentage
20	10.0%
25	5.0%
30	5.0%
35	3.5%
40	3.0%
45	3.0%
50	2.0%
55	2.0%
60	2.0%
65	2.0%

Disability

Rates vary by age and gender; representative rates are shown below:

Attained Age	Percentage	
	Male	Female
20	0.0320%	0.0275%
25	0.0465%	0.0480%
30	0.0670%	0.0825%
35	0.0995%	0.1260%
40	0.1570%	0.1785%
45	0.2525%	0.2610%
50	0.4150%	0.4270%
55	0.7510%	0.7450%

Plan Name: Pension Plan for Hourly Employees at Edison, NJ
 EIN / PN: 76-0550481/012
 Plan Sponsor: Equistar Chemicals, LP
 Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Attained Age	Percentage	
	Male	Female
60	1.1330%	0.8965%
65	1.5140%	1.0475%

Retirement

Rates varying by age, average age 62. Representative rates are shown below:

Attained Age	Percentage
55	5%
56	5%
57	5%
58	10%
59	10%
60	15%
61	10%
62	20%
63	10%
64	20%
65	25%
66	25%
67	20%
68	20%
69	20%
70 and above	100%

Benefit commencement date:

- Preretirement death benefit
Married participants with at least 5 years of service: The later of the death of the active participant or the date the participant would have attained age 55.

Single participants eligible for normal retirement, early retirement, or disability: immediately.
- Deferred vested benefit
The later of age 63 or termination of employment.
- Disability benefit
Upon disablement
- Retirement benefit
Upon termination of employment

Form of payment

Form	Ten Year Certain & Life	Five Year Certain & Life	100% J&S	50% J&S
Active retirements	35%	0%	65%	0%

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Deferred vested	35%	0%	65%	0%
Future disabilities	35%	0%	65%	0%
Future deaths – Unmarried	0%	100%	0%	0%
Future deaths - Married	0%	0%	0%	100%

Percent married 85% for male participants; 60% for female participants.

Spouse age Male participants: spouse 2 years younger.

Female participants: spouse 3 years older.

Timing of benefit payments Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on date of decrement.

Methods

Valuation date First day of plan year.

Funding target Present value of accrued benefits as required by regulations under IRC §430.

Target normal cost Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year as required by regulations under IRC §430.

Decrement timing The approach used is called rounded middle of year (rounded MOY) decrement timing. Most events are assumed to occur at the middle of year during which the eligibility condition will be met or the start/end date will occur. For death and disability decrements, the rate applied is based on the participant's rounded age (nearest integer age) at the beginning of the year, to align with the methodology generally used to create those rate tables. For retirement and withdrawal decrements: the age is generally the participant's rounded age at the middle of the year.

Actuarial value of assets Average of the fair market value of assets on the valuation date and 12 and 24 months preceding the valuation date, adjusted for contributions, benefits, administrative

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expenses and expected earnings (with such expected earnings limited as described in IRS Notice 2009-22). The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the prior plan year.)

The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a significant bias to produce an actuarial value of assets that is below the market value of assets.

Benefits not valued

All benefits described in the Plan Provisions section of this report were valued. We are not aware of any significant benefits required to be valued that were not.

Sources of Data and Other Information

The plan sponsor, through its third party administrator, furnished participant data as of January 1, 2020 for the Pension Plan for Hourly Employees Edison, NJ. Information on assets, contributions and plan provisions was supplied by the plan sponsor. Data and other information were reviewed for reasonableness and consistency, but no audit was performed. Assumptions or estimates were made when data was not available.

We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.

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Assumptions Rationale - Significant Economic Assumptions

Interest rate	The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.
Plan-related expenses	Plan-related expenses are based on the prior year expense paid from the trust, adjusted (if material) for expected changes during the upcoming year (including, for example, expected PBGC premiums and actuarial, accounting, legal, administration and trustee fees to be paid from the trust).
Rates of increase in:	
<ul style="list-style-type: none">Expected investment return	We understand the expected investment return represents the plan sponsor's estimate of future experience for the trust asset returns net of plan expenses.

Assumptions Rationale - Significant Demographic Assumptions

Healthy Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Disabled Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Termination	Termination rates were based on an experience study conducted by Mercer in 2018, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.
Disability	Disability rates were based on an experience study conducted by Mercer in 2018, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.
Retirement	Retirement rates were based on an experience study conducted by Mercer in 2018, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.
Benefit commencement date for deferred benefits:	
<ul style="list-style-type: none">Deferred vested benefit	Deferred vested participants' assumed commencement ages were based on an experience study conducted by Mercer in 2018, with annual consideration of whether any conditions have

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changed that would be expected to produce different results in the future.

Form of payment

Form of payment elections were based on an experience study conducted by Mercer in 2018 combined with best estimates for future experience with consideration given to whether any conditions have changed that would be expected to produce different results in the future.

Percent married

The assumed percentage married were based on an experience study conducted by Mercer in 2018 combined with best estimates for future experience with consideration given to whether any conditions have changed that would be expected to produce different results in the future.

Spouse age

The assumed age differences for spouses were based on an experience study conducted by Mercer in 2018 combined with best estimates for future experience with consideration given to whether any conditions have changed that would be expected to produce different results in the future.

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Prescribed Methods

Funding methods

The methods used for funding purposes as described in Appendix A, including the method of determining plan assets, are “prescribed methods set by law”, as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.

Changes in Assumptions and Methods

Change in assumptions since prior valuation

The segment interest rates used to calculate the funding target and target normal cost were updated to the current valuation date as required by IRC §430.

The mortality table used to calculate the funding target and target normal cost was updated to include one additional year of projected mortality improvements.

The assumed plan-related expenses added to the target normal cost were changed from \$47,534 for the prior valuation to \$56,000 for the current valuation to account for higher expected expenses to be paid from the trust.

Change in methods since prior valuation

The valuation software used to produce the actuarial information in this report is different than used for the previous valuation due to a change in both the enrolled actuary for the plan and the business organization providing actuarial services to the plan, and such change in software may be considered to be a method change. The new method is substantially the same as the method used by the prior enrolled actuary and is consistent with the description of the method contained in the prior actuarial valuation report and Schedule SB of Form 5500 (disregarding the effects of any changes that are automatically approved under final IRC 430 regulations). The funding target and target normal cost (without regard to any adjustments for employee contributions and plan-related expenses), as determined for the prior plan year by the new enrolled actuary (using the actuarial assumptions of the prior enrolled actuary and disregarding the effects of any changes that are automatically approved under final IRC 430 regulations) are both within 3% of those values as determined by the prior enrolled actuary. The actuarial value of plan assets, as determined by the new enrolled actuary as of the valuation date for the prior plan year (using actuarial assumptions of the prior enrolled actuary), is within 2% of the value for that prior plan year as determined by the prior enrolled actuary. Therefore the change in funding method receives automatic approval under IRS Rev. Proc. 2017-56.

Plan Name:	Pension Plan for Hourly Employees at Edison, NJ
EIN / PN:	76-0550481/012
Plan Sponsor:	Equistar Chemicals, LP
Valuation Date	January 1, 2020

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	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.	<small>OMB No. 1210-0110</small> 2020 This Form is Open to Public Inspection
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020

► **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 PENSION PLAN FOR HOURLY EMPLOYEES AT EDISON, NJ	B Three-digit plan number (PN) ►	012
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF EQUISTAR CHEMICALS, LP	D Employer Identification Number (EIN) 76-0550481	
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B		
F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500		

Part I	Basic Information		
1	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2020</u>		
2	Assets:		
	a Market value.....	2a	1,899,022
	b Actuarial value.....	2b	1,854,493
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment.....	15	686,734
	b For terminated vested participants	7	257,084
	c For active participants.....	19	692,750
	d Total.....	41	1,636,568
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐		
	a Funding target disregarding prescribed at-risk assumptions	4a	
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	4b	
5	Effective interest rate.....	5	5.53%
6	Target normal cost.....	6	90,219

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	David Anderson Signature of actuary	9/23/2021 Date 2007493 Most recent enrollment number 713-754-5400 Telephone number (including area code)
David Anderson Type or print name of actuary Willis Towers Watson US LLC Firm name 811 Louisiana Street Suite 2200 Houston TX 77002 Address of the firm		

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

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

Schedule SB (Form 5500) 2020 v. 200204

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	211,068
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	82,068
9	Amount remaining (line 7 minus line 8)	0	129,000
10	Interest on line 9 using prior year's actual return of <u>15.48</u> %	0	19,969
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.67</u> %		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	10,000
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	138,969

Part III	Funding Percentages
----------	---------------------

14	Funding target attainment percentage.....	14	100.07%
15	Adjusted funding target attainment percentage.....	15	108.17%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement.....	16	99.71%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.....	17	%

Part IV	Contributions and Liquidity Shortfalls
----------------	---

18 Contributions made to the plan for the plan year by employer(s) and employee(s):

Contributions made to the plan relate primarily to employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
			Totals ►	18(b)	0 18(c)

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

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

20 Quarterly contributions and liquidity shortfalls:

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

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ No

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

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

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

21 Discount rate:				
a Segment rates:	1st segment: 3.64 %	2nd segment: 5.21 %	3rd segment: 5.94 %	☐ N/A, full yield curve used
b Applicable month (enter code).....				21b 4
22 Weighted average retirement age				22 62
23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute				

Part VI Miscellaneous Items

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

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

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

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)	31a	90,219	
b Excess assets, if applicable, but not greater than line 31a	31b	1,249	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	0	0	
b Waiver amortization installment	0	0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....	34	88,970	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	88,970	88,970
36 Additional cash requirement (line 34 minus line 35).....	36	0	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	0	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	0	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37).....	39	0	
40 Unpaid minimum required contributions for all years	40	0	

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

41 If an election was made to use PRA 2010 funding relief for this plan:	
a Schedule elected	☐ 2 plus 7 years ☐ 15 years
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Equistar Chemicals, LP
EIN/PN	76-0550481/012
Plan Name	Pension Plan for Hourly Employees at Edison, NJ
Valuation Date	January 1, 2020
Enrolled Actuary	David Anderson
Enrollment Number	20-07493

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2020

The average retirement age for Line 22 was calculated by creating a hypothetical life table with retirement as the only decrement, and then computing the average retirement age for the table.

x	q_x^r	l_x	${}_{x-55}p_{55} = l_x / l_{55}$	$q_x^r * l_x / l_{55}$	$x * q_x^r * l_x / l_{55}$
55	0.05	1,000	1.000000	0.050000	2.750000
56	0.05	950	0.950000	0.047500	2.660000
57	0.05	903	0.902500	0.045125	2.572125
58	0.10	857	0.857375	0.085738	4.972775
59	0.10	772	0.771638	0.077164	4.552661
60	0.15	694	0.694474	0.104171	6.250264
61	0.10	590	0.590303	0.059030	3.600846
62	0.20	531	0.531272	0.106254	6.587778
63	0.10	425	0.425018	0.042502	2.677613
64	0.20	383	0.382516	0.076503	4.896207
65	0.25	306	0.306013	0.076503	4.972710
66	0.25	230	0.229510	0.057377	3.786910
67	0.20	172	0.172132	0.034426	2.306572
68	0.20	138	0.137706	0.027541	1.872799
69	0.20	110	0.110165	0.022033	1.520272
70	1.00	88	0.088132	0.088132	6.169220

Average age at retirement 62.148752

Rounded for Schedule SB item 22 62

Plan Name: Pension Plan for Hourly Employees at Edison, NJ
 EIN / PN: 76-0550481/012
 Plan Sponsor: Equistar Chemicals, LP
 Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Summary of Plan Provisions

Plan Provisions

Effective date and plan year	Original plan: April 1, 2006. Restated plan: January 1, 2011 Plan year: Calendar year
Status of the plan	The plan has ongoing benefit accruals and is closed to new entrants effective February 1, 2015.
Significant events that occurred during the year	The plan was amended to increase benefit levels per year of service effective February 1, 2018.

Definitions

Eligible employee	Any person employed by Equistar Chemicals, LP and its subsidiaries and affiliates that have adopted the plan who is hired to work in Edison, New Jersey and is a member of the International Union of Electronic, Electrical, Salaried Machine and Furniture Workers - Communications Workers of America, AFL-CIO and its Local Union #81496.
Participation	Employees become participants on the earlier of 1) the first January 1 or July 1 after completing one year of service or 2) the end of the Plan Year beginning after date of hire that the participant completes 1,000 hours of service.
Vesting service	At least 1,000 hours are required for one year of service. Prior service with Akzo Nobel is included.
Credited Service	At least 1,000 hours are required for one year of service. One month of credited service is earned in the year of retirement for each month in which at least 83 hours are credited. No more than 0.75 years of credited service shall be granted for the period April 1, 2006 to December 31, 2006. Prior service with Akzo Nobel is included.

Eligibility for Benefits

Normal retirement	Retirement at or after age 65.
Early retirement	Age 55 and 5 years of vesting service. Participants with ten years of credited service are eligible for unreduced early retirement at age 62.
Deferred vested	The earlier of age 65 or five years of vesting service.
Disability	Disabled after attainment of age 40, completion of ten years of credited service.

Plan Name:	Pension Plan for Hourly Employees at Edison, NJ
EIN / PN:	76-0550481/012
Plan Sponsor:	Equistar Chemicals, LP
Valuation Date	January 1, 2020

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Preretirement death benefit

- a) Beneficiaries of unmarried participants who die after satisfying the requirement for normal retirement, early retirement or disability retirement.
- b) Surviving spouses of married participants who were vested.

Benefits Paid Upon the Following Events

Normal retirement

Years of credited service to a maximum of 40 years multiplied by the benefit level in effect at retirement.

Termination date	Benefit level for	
	Credited service Prior to 4/1/2006	Credited service After 4/1/2006
Prior to 1/1/2007	\$0.00	\$39.50
1/2/2007 to 12/31/2007	\$2.50	\$42.00
1/2/2008 to 1/31/2015	\$5.00	\$44.50
2/1/2015 to 1/31/2016	\$6.00	\$45.50
2/1/2016 to 1/31/2017	\$7.00	\$46.50
2/1/2017 to 1/31/2018	\$8.00	\$47.50
2/1/2018 to 1/31/2019	\$9.00	\$48.50
2/1/2019 to 1/31/2020	\$10.00	\$49.50
2/1/2020 to 1/31/2021	\$11.00	\$50.50
2/1/2021 and after	\$12.00	\$51.50

Early retirement

Monthly benefit is equal to the Normal Retirement Benefit payable at age 65, reduced by 0.5% for each month prior to age 65.

For participants with ten years of credited service, the monthly benefit is reduced by 0.5% for each month prior to age 62.

Deferred vested

Monthly benefit is equal to the normal retirement benefit based on credited service at termination. Benefits can commence as early as age 55, reduced by 0.5% for each month prior to age 65.

Disability

Monthly benefit is equal to the normal retirement benefit based on Credited Service at the date of disability.

Preretirement death

Benefit that would have been payable to the beneficiary had the participant elected retirement on his date of death, or earliest commencement under:

- a) a 5-year certain and life annuity for beneficiaries that satisfy the eligibility requirements under (a) above
- b) a 50% joint and survivor annuity for beneficiaries that satisfy the eligibility requirements under (b) above.

Plan Name: Pension Plan for Hourly Employees at Edison, NJ
 EIN / PN: 76-0550481/012
 Plan Sponsor: Equistar Chemicals, LP
 Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Other Plan Provisions

Form of benefits

- Automatic form for unmarried participants 10-year certain and life annuity
- Automatic form for married participants 50% joint & survivor annuity
- Optional forms of payment Single life annuity, certain & life annuity (5, 10 and 15 year certain periods).
Joint & survivor annuity (50%, 75% and 100%).
Full cash refund option.
- Actuarial equivalence 1984 Unisex Pension mortality table and an interest rate of 6.00%.

Pension Increases None

Plan participants' contributions None

Maximum limits on benefits and pay All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes take effect.

Future Plan Changes

Willis Towers Watson is not aware of any future plan changes that are required to be reflected in determining pension cost or in determining minimum and maximum contributions.

Changes in Benefits Valued Since Prior Year

Effective February 1, 2018, the plan was amended to increase benefit levels per year of service.

Plan Name:	Pension Plan for Hourly Employees at Edison, NJ
EIN / PN:	76-0550481/012
Plan Sponsor:	Equistar Chemicals, LP
Valuation Date	January 1, 2020

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 25 Change in Method

The valuation software used to produce the actuarial information submitted on this schedule is different than used for the previous valuation due to a change in both the enrolled actuary for the plan and the business organization providing actuarial services to the plan, and such change in software may be considered to be a method change. The new method is substantially the same as the method used by the prior enrolled actuary and is consistent with the description of the method contained in the prior actuarial valuation report and Schedule SB of Form 5500 (disregarding the effects of any changes that are automatically approved under final IRC 430 regulations). The funding target and target normal cost (without regard to any adjustments for employee contributions and plan-related expenses), as determined for the prior plan year by the new enrolled actuary (using the actuarial assumptions of the prior enrolled actuary and disregarding the effects of any changes that are automatically approved under final IRC 430 regulations) are both within 3% of those values as determined by the prior enrolled actuary. The actuarial value of plan assets, as determined by the new enrolled actuary as of the valuation date for the prior plan year (using actuarial assumptions of the prior enrolled actuary), is within 2% of the value for that prior plan year as determined by the prior enrolled actuary. Therefore the change in funding method receives automatic approval under IRS Rev. Proc. 2017-56.

Plan Name:	Pension Plan for Hourly Employees at Edison, NJ
EIN / PN:	76-0550481/012
Plan Sponsor:	Equistar Chemicals, LP
Valuation Date	January 1, 2020

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 24 Change in Actuarial Assumptions

The assumed plan-related expenses added to the target normal cost were changed from \$47,534 for the prior valuation to \$56,000 for the current valuation to account for higher expected expenses to be paid from the trust.

Plan Name:	Pension Plan for Hourly Employees at Edison, NJ
EIN / PN:	76-0550481/012
Plan Sponsor:	Equistar Chemicals, LP
Valuation Date	January 1, 2020