

December 20, 2024

Air Permits Initial Review Team (APIRT), MC-161 Texas Commission on Environmental Quality 12100 Park 35 Circle Austin, TX 78753

Phone: (512) 239-1250

Submitted via STEERS

Re:

Lhoist North America of Texas, LLC

Clifton Lime Plant

Site Operating Permit (SOP) No. O1108 Significant Revision

Clifton, Bosque County

Air Quality Account ID No. BJ-0001-T Regulated Entity No. RN100219856 Customer Reference No. CN605752088

Attn: APIRT

On behalf of Lhoist North America of Texas, LLC (LNA), I am submitting this significant revision application for the above-referenced permit. The primary purpose of this application is to incorporate two new lime kilns, Kilns 4 and 5. Construction of these kilns was recently authorized by Permit No. 4335A, GHGPSDTX235, and PSDTX31M2. The attached Form OP-2 details the revisions included with this application.

Enclosed are the required application forms. Please note the Major NSR Summary Table will also be revised and will be provided via electronic mail to the permit reviewer upon request, per TCEQ's guidance.

If you have any questions concerning this application, please contact me at <a href="Marilyn.Bruton@lhoist.com">Marilyn.Bruton@lhoist.com</a> or Ms. Miranda Cheatham at <a href="Miranda.Cheatham@trinityconsultants.com">Miranda.Cheatham@trinityconsultants.com</a>.

Sincerely,

Lhoist North America of Texas, LLC

Marilyn Bruton

Regional Environmental Manager

MB/av

**Attachments** 

#### **SITE OPERATING PERMIT NO. 01108**

**Significant Revision Application** 

#### Lhoist North America of Texas, LLC Clifton Lime Plant

#### **Prepared By:**

Miranda L. Cheatham, P.E. - Principal Consultant

#### TRINITY CONSULTANTS

9327 Great Hills Trl, Ste 240 Austin, TX 78759

Project 244404.0660



#### **TABLE OF CONTENTS**

| EXECUTIVE SUMMARY                |      |
|----------------------------------|------|
| 1. FORM OP-2                     | 1-1  |
| 2. FORM OP-SUMR                  | 2-1  |
| 3. UNIT ATTRIBUTE FORMS          | 3-1  |
| 4. FORM OP-REQ1                  | 4-1  |
| 5. FORM OP-REQ2                  | 5-1  |
| 6. FORM OP-REQ3                  | 6-1  |
| 7. FORM OP-MON                   | 7-1  |
| 8. FORM OP-PBRSUP                | 8-1  |
| 9. FORM OP-CRO1                  | 9-1  |
| 10. PUBLIC INVOLVEMENT PLAN FORM | 10-1 |

#### **EXECUTIVE SUMMARY**

The Clifton Lime Plant is a lime production facility, and the primary emission sources currently in operation at the plant are three lime kilns. Kilns 1 and 2 are authorized by Permit No. 4335A, GHGPSDTX235, and PSDTX31M2 (hereafter referred to as Permit No. 4335A). Kiln 3 is authorized by Permit No. 8434 and PSDTX441M2 (hereafter referred to as Permit No. 8434).

On August 21, 2024, Permit No. 4335A was amended to authorize construction of two new lime kilns, Kilns 4 and 5. The primary purpose of this revision application is to incorporate the two new lime kilns and related facilities. The August 21, 2024 application stated:

The Clifton Lime Plant is currently an area source of HAPs. Upon startup of new Kilns 4 and/or 5, the site-wide potential emissions of HCl will exceed 10 tons/yr. The Clifton Lime Plant will therefore become a major source of HAPs and will become subject to MACT Subparts A and AAAAA (the Lime Manufacturing MACT).

LNA has subsequently conducted additional engineering testing of Clifton Kilns 1, 2, and 3, as well as kilns at their other lime manufacturing plants. This testing indicates current HCl emission limits for the Clifton kilns are conservatively high, and that actual site-wide HCl emissions will remain below 10 tons/yr, even after startup of Kilns 4 and 5.

Authorized HCl emissions for the kilns currently in operation (Kilns 1, 2 and 3) are below 10 tons/yr. Kilns 4 and 5 have not yet started operating. Therefore, site-wide potential to emit has not yet triggered major source status.

LNA also recently submitted an application to alter Permit No. 4335A to create emission caps for hydrogen chloride (HCl) and total hazardous air pollutants (HAPs) to establish the site as an area source of HAPs. This revision application reflects the site's status as an area source of HAPs.

#### 1. **FORM OP-2**

#### **Texas Commission on Environmental Quality**

| Date:                    | 12/19/2024  |       |      |  |  |  |
|--------------------------|---|-------|------|--|--|--|
| Permit No.:              | O1108   |       |      |  |  |  |
| Regulated Entity No.:    | RN100219856   |       |      |  |  |  |
| Company Name:            | Lhoist North America of Texas, LLC  |       |      |  |  |  |
| For Submissions to EPA   | A   |       |      |  |  |  |
| Has a copy of this appli | cation been submitted (or is being submitted) to EPA?                               | ✓ Yes | □ No |  |  |  |
| I. Application Type      |   |       |      |  |  |  |
| Indicate the type of app | lication:   |       |      |  |  |  |
| ☐ Renewal                |   |       |      |  |  |  |
| Streamlined Revision     | n (Must include provisional terms and conditions as explained in the instructions.) |       |      |  |  |  |
| ☑ Significant Revision   |   |       |      |  |  |  |
| ☐ Revision Requesting    | Prior Approval  |       |      |  |  |  |
| ☐ Administrative Revis   | sion  |       |      |  |  |  |
| ☐ Response to Reopening  |   |       |      |  |  |  |
| II. Qualification State  | ement   |       |      |  |  |  |
| For SOP Revisions Onl    | y   | ✓ Yes | □ No |  |  |  |
| For GOP Revisions Onl    | y   | □ Yes | □ No |  |  |  |

#### **Texas Commission on Environmental Quality**

| III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)                |   |                              |                            |      |      |       |  |  |
|---|---|------------------------------|----------------------------|------|------|-------|--|--|
| Indicate all pollutan   | Indicate all pollutants for which the site is a major source based on the site's potential to emit:                       |                              |                            |      |      |       |  |  |
| (Check the appropr  | iate box[es].)  |                              |                            |      |      |       |  |  |
| □ VOC   | ☑ NOx   | $lacksquare$ $\mathrm{SO}_2$ | $\square$ PM <sub>10</sub> | ☑ CO | □ Pb | □ НАР |  |  |
| Other:  |   |                              |                            |      |      |       |  |  |
| IV. References Or   | nly Requirements (For   | reference only)              |                            |      |      |       |  |  |
| Has the applicant pa  | Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?  ☐ Yes ☐ No ☐ N/A |                              |                            |      |      |       |  |  |
| V. Delinquent Fees and Penalties  |   |                              |                            |      |      |       |  |  |
| Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf |   |                              |                            |      |      |       |  |  |
| of the TCEQ are par   | id in accordance with th  | ne Delinquent Fee and        | penalty protocol.          |      |      |       |  |  |

#### **Texas Commission on Environmental Quality**

| Date:                 | 12/19/2024                         |
|-----------------------|------------------------------------|
| Permit No.:           | O1108                              |
| Regulated Entity No.: | RN100219856                        |
| Company Name:         | Lhoist North America of Texas, LLC |

Using the table below, provide a description of the revision.

|              |               |          | Unit/Group Process |                        |                   |  |
|--------------|---------------|----------|--------------------|------------------------|-------------------|--|
|              |               |          |                    | 1                      | NSR               | Description of Change and Provisional  |
| Revision No. | Revision Code | New Unit | ID No.             | <b>Applicable Form</b> | Authorization     | Terms and Conditions                   |
|              |               |          |                    |                        |                   | Add unit to permit. Project emissions  |
|              |               |          |                    |                        | 4335A, PSDTX31M2, | increase triggered PSD review (Title I |
| 1            | SIG-D         | YES      | KILN-4             | OP-UA15                | GHGPSDTX235       | modification).                         |
|              |               |          |                    |                        |                   | Add unit to permit. Project emissions  |
|              |               |          |                    |                        | 4335A, PSDTX31M2, | increase triggered PSD review (Title I |
| 2            | SIG-D         | YES      | KILN-4             | OP-REQ2                | GHGPSDTX235       | modification).                         |
|              |               |          |                    |                        |                   | Add unit to permit. Project emissions  |
|              |               |          |                    |                        | 4335A, PSDTX31M2, | increase triggered PSD review (Title I |
| 3            | SIG-D         | YES      | KILN-5             | OP-UA15                | GHGPSDTX235       | modification).                         |
|              |               |          |                    |                        |                   | Add unit to permit. Project emissions  |
|              |               |          |                    |                        | 4335A, PSDTX31M2, | increase triggered PSD review (Title I |
| 4            | SIG-D         | YES      | KILN-5             | OP-REQ2                | GHGPSDTX235       | modification).                         |
|              |               |          |                    |                        |                   | Add unit to permit. Project emissions  |
|              |               |          |                    |                        |                   | increase triggered PSD review (Title I |
| 5            | SIG-D         | YES      | BC-01              | OP-UA33                | 4335A, PSDTX31M2  |  |
|              |               | _        |                    |                        |                   | Add unit to permit. Project emissions  |
|              |               |          |                    |                        |                   | increase triggered PSD review (Title I |
| 6            | SIG-D         | YES      | BC-02              | OP-UA33                | 4335A, PSDTX31M2  | modification).                         |

|    |       |       |        |           | 1                    | Add unit to permit. Project emissions     |
|----|-------|-------|--------|-----------|----------------------|---|
|    |       |       |        |           |                      |   |
| _  | ara p | TITIC | D C 01 | 00.111.00 | 1005 1 DGD #XX211 10 | increase triggered PSD review (Title I    |
| 7  | SIG-D | YES   | RC-01  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 8  | SIG-D | YES   | VS-01  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 9  | SIG-D | YES   | BC-06  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 10 | SIG-D | YES   | BC-07  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 11 | SIG-D | YES   | BC-08  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 12 | SIG-D | YES   | BC-09  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 13 | SIG-D | YES   | BC-11  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 14 | SIG-D | YES   | BC-12  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 15 | SIG-D | YES   | BC-13  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 16 | SIG-D | YES   | BC-14  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    | 5 —   | - 22  |        |           | , 3=                 | Document NSPS OOO non-applicability       |
|    |       |       |        |           |                      | for unit. Production increase was         |
|    |       |       |        |           |                      | accomplished without capital expenditure. |
|    |       |       |        |           |                      |   |
| 15 | arc p | NO    | 1202   | OD 111 22 | 1005 1 DODENIO 13 50 | Project emissions increase triggered PSD  |
| 17 | SIG-D | NO    | 1303   | OP-UA33   | 4335A, PSDTX31M2     | review (Title I modification).            |

| 1  |       |    | 1      |         | 1                |   |
|----|-------|----|--------|---------|------------------|---|
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 18 | SIG-D | NO | 1308   | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 19 | SIG-D | NO | 1307-1 | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 20 | SIG-D | NO | 1307-2 | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 21 | SIG-D | NO | 303    | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 22 | SIG-D | NO | 304    | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 23 | SIG-D | NO | 1318   | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 24 | SIG-D | NO | 1312   | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |

|    |       |    |      |           |                  | Document NSPS OOO non-applicability       |
|----|-------|----|------|-----------|------------------|---|
|    |       |    |      |           |                  | for unit. Production increase was         |
|    |       |    |      |           |                  | accomplished without capital expenditure. |
|    |       |    |      |           |                  | Project emissions increase triggered PSD  |
| 25 | SIG-D | NO | 1310 | OP-UA33   | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |      |           |                  | Remove PBR 106.144 and 106.262 from       |
|    |       |    |      |           |                  | the NSR authorizations list. These PBRs   |
| 26 | MS-C  | NO | N/A  | OP-REQ1   | 4335A, PSDTX31M2 | were consolidated into NSR Permit 4335A.  |
|    |       |    |      |           |                  | Revise Form OP-PBRSUP to remove PBR       |
|    |       |    |      |           |                  | 171715. This PBR registration was         |
| 27 | MS-C  | NO | N/A  | OP-PBRSUP | 4335A, PSDTX31M2 | consolidated into NSR Permit 4335A.       |
|    |       |    |      |           |                  |   |
|    |       |    |      |           |                  |   |
|    |       |    |      |           |                  |   |
|    |       |    |      |           |                  |   |

#### **Texas Commission on Environmental Quality**

| Date:   | 12/19/2024  |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|
| Permit No.:   | O1108   |  |  |  |  |  |  |  |  |
| Regulated Entity No.:   | RN100219856   |  |  |  |  |  |  |  |  |
| Company Name:   | Lhoist North America of Texas, LLC  |  |  |  |  |  |  |  |  |
| I. Significant Revision (Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.) |   |  |  |  |  |  |  |  |  |
| A. Is the site subject to   | A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? ☐ Yes ☑ No |  |  |  |  |  |  |  |  |
| B. Indicated the alternate languages(s) in which public notice is required:   |   |  |  |  |  |  |  |  |  |
| C. Will there be a chang  | ge in air pollutant emissions as a result of the significant revision?                    |  |  |  |  |  |  |  |  |

#### **Texas Commission on Environmental Quality**

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

| Pollutant  | Description of the Change in Pollutant Emissions            |
|--|---|
| Particulate Matter, Including PM <sub>10</sub> and PM <sub>2.5</sub> | Project emissions increase of approximately 92 tons/yr      |
| Nitrogen Oxides  | Project emissions increase of approximately 102 tons/yr     |
| Carbon Monoxide  | Project emissions increase of approximately 190 tons/yr     |
| Sulfur Dioxide   | Project emissions increase of approximately 15 tons/yr      |
| Volatile Organic Compounds   | Project emissions increase of approximately 6 tons/yr       |
| Hydrogen Chloride  | Project emissions increase of less than 10 tons/yr          |
| Greenhouse Gas (GHG) CO <sub>2</sub> -Equivalents                    | Project emissions increase of approximately 650,000 tons/yr |
|  |   |
|  |   |
|  |   |

#### 2. FORM OP-SUMR

#### Texas Commission on Environmental Quality Federal Operating Permit Program Individual Unit Summary for Revisions Form OP-SUMR

Table 1

| Date       | Permit No. | Regulated Entity No. |  |
|------------|------------|----------------------|--|
| 12/19/2024 | O1108      | RN100219856          |  |

| Unit/Process AI | Unit/Process<br>Revision No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/<br>Description | Unit/Process<br>CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction<br>Authorizations Title I |
|-----------------|------------------------------|---------------------|------------------------------------|-----------------------------------|---------------------|---|---|
| A               | 1                            | KILN-4              | OP-UA15                            | Kiln 4                            | Y                   | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |
| A               | 2                            | KILN-4              | OP-REQ2                            | Kiln 4                            |                     | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |
| A               | 3                            | KILN-5              | OP-UA15                            | Kiln 5                            | Y                   | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |
| A               | 4                            | KILN-5              | OP-REQ2                            | Kiln 5                            |                     | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |
| A               | 5                            | BC-01               | OP-UA33                            | Belt Conveyor 01                  |                     | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |
| A               | 6                            | BC-02               | OP-UA33                            | Belt Conveyor 02                  |                     | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |
| A               | 7                            | RC-01               | OP-UA33                            | Roll Crusher 01                   |                     | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |

| A | 8  | VS-01  | OP-UA33 | Vibrating Screen 01 | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
|---|----|--------|---------|---------------------|-------|---------------------------|
| A | 9  | BC-06  | OP-UA33 | Belt Conveyor 06    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 10 | BC-07  | OP-UA33 | Belt Conveyor 07    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 11 | BC-08  | OP-UA33 | Belt Conveyor 08    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 12 | BC-09  | OP-UA33 | Belt Conveyor 09    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 13 | BC-11  | OP-UA33 | Belt Conveyor 11    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 14 | BC-12  | OP-UA33 | Belt Conveyor 12    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 15 | BC-13  | OP-UA33 | Belt Conveyor 13    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 16 | BC-14  | OP-UA33 | Belt Conveyor 14    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 17 | 1303   | OP-UA33 | Primary Crusher     | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 18 | 1308   | OP-UA33 | Belt to 200 Ton Bin | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 19 | 1307-1 | OP-UA33 | Primary Screening   | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 20 | 1307-2 | OP-UA33 | Primary Screening   | 4335A | PSDTX31M2,<br>GHGPSDTX235 |

| A | 21 | 303  | OP-UA33 | 24" Belt to Big Rock<br>Pile    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
|---|----|------|---------|---------------------------------|-------|---------------------------|
| A | 22 | 304  | OP-UA33 | Pea Gravel Belt                 | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 23 | 1318 | OP-UA33 | Radial Stacker Belt<br>Conveyor | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 24 | 1312 | OP-UA33 | 200 Ton Bin                     | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 25 | 1310 | OP-UA33 | Belt to -1/4" Pile              | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
|   |    |      |         |                                 |       |                           |
|   |    |      |         |                                 |       |                           |
|   |    |      |         |                                 |       |                           |

# Texas Commission on Environmental Quality Federal Operating Permit Program Individual Unit Summary for Revisions Form OP-SUMR

Table 2

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|--------------|--------|-----------------|----------|--------------|
| 5            | BC-01  | OP-UA33         | A        | GRPTRANSP    |
| 6            | BC-02  | OP-UA33         | A        | GRPTRANSP    |
| 9            | BC-06  | OP-UA33         | A        | GRPTRANSP    |
| 10           | BC-07  | OP-UA33         | A        | GRPTRANSP    |
| 11           | BC-08  | OP-UA33         | A        | GRPTRANSP    |
| 12           | BC-09  | OP-UA33         | A        | GRPTRANSP    |
| 13           | BC-11  | OP-UA33         | A        | GRPTRANSP    |
| 14           | BC-12  | OP-UA33         | A        | GRPTRANSP    |
| 15           | BC-13  | OP-UA33         | A        | GRPTRANSP    |
| 16           | BC-14  | OP-UA33         | A        | GRPTRANSP    |
|              |        |                 |          |              |
|              |        |                 |          |              |
|              |        |                 |          |              |
|              |        |                 |          |              |

#### 3. UNIT ATTRIBUTE FORMS

OP-UA15 OP-UA33

#### Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Unit Attributes Form OP-UA15 (Page 40)

#### **Federal Operating Permit Program**

# Table 15: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111) Subchapter A, Division 5: Emission Limits on Nonagricultural Processes Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | 01108      | RN100219856          |

| Emission Point ID No. | SOP Index No. | Effective Stack Height |
|-----------------------|---------------|------------------------|
| KILN-4                | R151-1        | NO                     |
| KILN-5                | R151-1        | NO                     |
|                       |               |                        |
|                       |               |                        |
|                       |               |                        |
|                       |               |                        |
|                       |               |                        |
|                       |               |                        |

#### Texas Commission on Environmental Quality Mineral Processing Plant Attributes Form OP-UA33 (Page 2)

#### **Federal Operating Permit Program**

Table 2a: Title 40 Code of Federal Regulations (40 CFR Part 60)

**Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants** 

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

| Unit ID No. | SOP Index No. | Construction/<br>Modification Date | Subpart Applicability | Facility Type | Replacement Type |
|-------------|---------------|------------------------------------|-----------------------|---------------|------------------|
| GRPTRANSP   | 60OOO-0014    | 08+                                | NONE                  | TRANSP        | OTHER            |
| RC-01       | 60OO-003      | 08+                                | NONE                  | CRSHR         | OTHER            |
| RC-01       | 60OOO-004     | 08+                                | NONE                  | CRSHR         | OTHER            |
| RC-01       | 60OOO-005     | 08+                                | NONE                  | CRSHR         | OTHER            |
| VS-01       | 60OOO-006     | 08+                                | NONE                  | SCRNOP        | OTHER            |
| VS-01       | 60OO-007      | 08+                                | NONE                  | SCRNOP        | OTHER            |
| VS-01       | 60OOO-008     | 08+                                | NONE                  | SCRNOP        | OTHER            |
| 1303        | 60OOO-0001    | 83-                                |                       |               |                  |
| 1308        | 60OOO-0001    | 83-                                |                       |               |                  |
| 1307-1      | 60OOO-0001    | 83-                                |                       |               |                  |
| 1307-2      | 60OOO-0001    | 83-                                |                       |               |                  |
| 303         | 60OOO-0001    | 83-                                |                       |               |                  |
| 304         | 60OOO-0001    | 83-                                |                       |               |                  |
| 1318        | 60OOO-0001    | 83-                                |                       |               |                  |
| 1312        | 60OOO-0001    | 83-                                |                       |               |                  |
| 1310        | 60OOO-0001    | 83-                                |                       |               |                  |
|             |               |                                    |                       |               |                  |

#### Texas Commission on Environmental Quality Mineral Processing Plant Attributes Form OP-UA33 (Page 3)

#### **Federal Operating Permit Program**

#### Table 2b: Title 40 Code of Federal Regulations (40 CFR Part 60)

#### **Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants**

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

| Unit ID No. | SOP Index No. | Capture System | Wet Suppression | Exhaust Gas Velocity | Control Device Type | Control Device ID No. |
|-------------|---------------|----------------|-----------------|----------------------|---------------------|-----------------------|
| GRPTRANSP   | 60OOO-0014    | NOCAP          | NONE            |                      |                     |                       |
| RC-01       | 60OO-003      | NOCAP          | DIR             |                      |                     |                       |
| RC-01       | 60OO-004      | NOCAP          | WCUP            |                      |                     |                       |
| RC-01       | 60OO-005      | NOCAP          | NONE            |                      |                     |                       |
| VS-01       | 60OO-006      | NOCAP          | DIR             |                      |                     |                       |
| VS-01       | 60OO-007      | NOCAP          | WCUP            |                      |                     |                       |
| VS-01       | 60OO-008      | NOCAP          | NONE            |                      |                     |                       |
| 1303        | 60OOO-0001    |                |                 |                      |                     |                       |
| 1308        | 60OOO-0001    |                |                 |                      |                     |                       |
| 1307-1      | 60OOO-0001    |                |                 |                      |                     |                       |
| 1307-2      | 60OOO-0001    |                |                 |                      |                     |                       |
| 303         | 60OOO-0001    |                |                 |                      |                     |                       |
| 304         | 60OOO-0001    |                |                 |                      |                     |                       |
| 1318        | 60OOO-0001    |                |                 |                      |                     |                       |
| 1312        | 60OOO-0001    |                |                 |                      |                     |                       |
| 1310        | 60OOO-0001    |                |                 |                      |                     |                       |
|             |               |                |                 |                      |                     |                       |

#### Texas Commission on Environmental Quality Mineral Processing Plant Attributes Form OP-UA33 (Page 4)

#### **Federal Operating Permit Program**

Table 2c: Title 40 Code of Federal Regulations (40 CFR Part 60)

**Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants** 

| Date       | Permit No. | Regulated Entity No. |  |
|------------|------------|----------------------|--|
| 12/19/2024 | O1108      | RN100219856          |  |

| Unit ID No. | SOP Index No. | Baghouse Monitoring | Baghouse Operation | PM Concentration<br>Method | Emissions Interference |
|-------------|---------------|---------------------|--------------------|----------------------------|------------------------|
| GRPTRANSP   | 60OO-0014     |                     |                    |                            | NOINT                  |
| RC-01       | 60OOO-003     |                     |                    |                            | NOINT                  |
| RC-01       | 60OOO-004     |                     |                    |                            | NOINT                  |
| RC-01       | 60OOO-005     |                     |                    |                            | NOINT                  |
| VS-01       | 60OOO-006     |                     |                    |                            | NOINT                  |
| VS-01       | 60OOO-007     |                     |                    |                            | NOINT                  |
| VS-01       | 60OOO-008     |                     |                    |                            | NOINT                  |
| 1303        | 60OO-0001     |                     |                    |                            |                        |
| 1308        | 60OOO-0001    |                     |                    |                            |                        |
| 1307-1      | 60OO-0001     |                     |                    |                            |                        |
| 1307-2      | 60OO-0001     |                     |                    |                            |                        |
| 303         | 60OO-0001     |                     |                    |                            |                        |
| 304         | 60OO-0001     |                     |                    |                            |                        |
| 1318        | 60OO-0001     |                     |                    |                            |                        |
| 1312        | 60OO-0001     |                     |                    |                            |                        |
| 1310        | 60OO-0001     |                     |                    |                            |                        |
|             |               |                     |                    |                            |                        |

#### 4. FORM OP-REQ1

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 1)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| I.       | Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter |   |                  |
|----------|---|---|------------------|
|          | Α.  | Visible Emissions   |                  |
| <b>•</b> | 1.  | The application area includes stationary vents constructed on or before January 31, 1972.   | ☐ Yes ⊠ No       |
| <b>*</b> | 2.  | The application area includes stationary vents constructed after January 31, 1972.  If the responses to Questions I.A.1 and I.A.2 are both "No," go to Question I.A.6. If the response to Question I.A.1 is "No" and the response to Question I.A.2 is "Yes," go to Question I.A.4. | ⊠ Yes □ No       |
| <b>♦</b> | 3.  | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.   | ☐ Yes ☐ No       |
| <b>♦</b> | 4.  | All stationary vents are addressed on a unit specific basis.  | ☐ Yes ⊠ No       |
| <b>•</b> | 5.  | Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.  | ⊠ Yes □ No       |
| <b>♦</b> | 6.  | The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).  | ⊠ Yes □ No       |
| <b>*</b> | 7.  | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).   | ⊠ Yes □ No       |
| <b>*</b> | 8.  | Emissions from units in the application area include contributions from uncombined water.   | ⊠ Yes □ No       |
| <b>*</b> | 9.  | The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).  | ☐ Yes ⊠ No ☐ N/A |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 2)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| I.       |    | tle 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and articulate Matter (continued)   |            |  |
|----------|----|--|------------|--|
|          | B. | Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots   |            |  |
|          | 1. | Items a - d determine applicability of any of these requirements based on geographical location.   |            |  |
| <b>♦</b> |    | a. The application area is located within the city of El Paso.   | ☐ Yes ⊠ No |  |
| <b>♦</b> |    | b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.   | ☐ Yes ⊠ No |  |
| <b>♦</b> |    | c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.  | ☐ Yes ⊠ No |  |
| <b>*</b> |    | d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.   | ☐ Yes ⊠ No |  |
|          |    | If there is any "Yes" response to Questions I.B.1.a - d, answer Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "No," go to Section I.C.                                  |            |  |
|          | 2. | Items a - d determine the specific applicability of these requirements.  |            |  |
| <b>♦</b> |    | a. The application area is subject to 30 TAC § 111.143.  | ☐ Yes ☐ No |  |
| <b>♦</b> |    | b. The application area is subject to 30 TAC § 111.145.  | ☐ Yes ☐ No |  |
| <b>♦</b> |    | c. The application area is subject to 30 TAC § 111.147.  | Yes No     |  |
| <b>♦</b> |    | d. The application area is subject to 30 TAC § 111.149.  | Yes No     |  |
|          | C. | Emissions Limits on Nonagricultural Processes  |            |  |
| <b>•</b> | 1. | The application area includes a nonagricultural process subject to 30 TAC § 111.151.   | ⊠ Yes □ No |  |
|          | 2. | The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements.  If the response to Question I.C.2 is "No," go to Question I.C.4. | ⊠ Yes □ No |  |
|          | 3. | All vents from nonagricultural process in the application area are subject to additional monitoring requirements.  | ☐ Yes ⊠ No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 3)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| I.       | Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued) |  |            |
|----------|---|--|------------|
|          | C.  | <b>Emissions Limits on Nonagricultural Processes (continued)</b>   |            |
|          | 4.  | The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).   | ☐ Yes ⊠ No |
|          | 5.  | The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements.  If the response to Question I.C.5 is "No," go to Question I.C.7. | ☐ Yes ⊠ No |
|          | 6.  | All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.  | ☐ Yes ☐ No |
|          | 7.  | The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).   | ☐ Yes ⊠ No |
|          | 8.  | The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements.  If the response to Question I.C.8 is "No," go to Section I.D.  | ☐ Yes ⊠ No |
|          | 9.  | All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.  | Yes No     |
|          | D.  | Emissions Limits on Agricultural Processes   |            |
|          | 1.  | The application area includes agricultural processes subject to 30 TAC § 111.171.  | ☐ Yes ⊠ No |
|          | Е.  | Outdoor Burning  |            |
| •        | 1.  | Outdoor burning is conducted in the application area.  If the response to Question I.E.1 is "No," go to Section II.  | ⊠ Yes □ No |
| •        | 2.  | Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.  | ⊠ Yes □ No |
| <b>*</b> | 3.  | Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.  | ⊠ Yes □ No |
| <b>•</b> | 4.  | Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.   | ⊠ Yes □ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 4)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| I.       |       | Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)  |            |  |
|----------|-------|--|------------|--|
|          | Е.    | Outdoor Burning (continued)  |            |  |
| •        | 5.    | Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.  | ☐ Yes ⊠ No |  |
| <b>*</b> | 6.    | Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.   | ☐ Yes ⊠ No |  |
| •        | 7.    | The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.  | ☐ Yes ⊠ No |  |
| II.      | Title | 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds  |            |  |
|          | Α.    | Temporary Fuel Shortage Plan Requirements  |            |  |
|          | 1.    | The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.  | ⊠ Yes □ No |  |
| III.     | Title | 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds  |            |  |
|          | Α.    | Applicability  |            |  |
| •        | 1.    | The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. | ⊠ Yes □ No |  |
|          |       | See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.  |            |  |
|          | В.    | Storage of Volatile Organic Compounds  |            |  |
| <b>*</b> | 1.    | The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.   | ☐ Yes ⊠ No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 5)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     |    | itle 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds<br>continued)  |               |  |
|----------|----|---|---------------|--|
|          | C. | Industrial Wastewater   |               |  |
|          | 1. | The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140.  If the response to Question III.C.1 is "No" or "N/A," go to Section III.D.   | Yes No No N/A |  |
|          | 2. | The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area.  If the response to Question III.C.2 is "Yes" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.      | ☐ Yes ☐ No    |  |
|          | 3. | The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater).  If the response to Question III.C.3 is "Yes," go to Section III.D.        | ☐ Yes ☐ No    |  |
|          | 4. | The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons).  If the response to Question III.C.4 is "Yes," go to Section III.D. | Yes No        |  |
|          | 5. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).   | Yes No        |  |
|          | 6. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).  | Yes No        |  |
|          | 7. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).  | Yes No        |  |
|          | D. | Loading and Unloading of VOCs   |               |  |
| <b>♦</b> | 1. | The application area includes VOC loading operations.   | ☐ Yes ⊠ No    |  |
| <b>♦</b> | 2. | The application area includes VOC transport vessel unloading operations. For GOP applications, if the responses to Questions III.D.1 - D.2 are "No," go to Section III.E.   | ⊠ Yes □ No    |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 6)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) |  |            |
|----------|---|--|------------|
|          | D.  | Loading and Unloading of VOCs (continued)  |            |
| <b>*</b> | 3.  | Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.  | ☐ Yes ⊠ No |
|          | Е.  | Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities   |            |
| •        | 1.  | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container.  If the response to Question III.E.1 is "No," go to Section III.F.  | ⊠ YES □ No |
| •        | 2.  | Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.   | ☐ YES ⊠ No |
| •        | 3.  | All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent.  If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.   | ☐ Yes ⊠ No |
| •        | 4.  | The application area is located in a covered attainment county as defined in 30 TAC § 115.10.  If the response to Question III.E.4 is "No," go to Question III.E.9.  | ⊠ Yes □ No |
| <b>*</b> | 5.  | Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.  | ⊠ Yes □ No |
| <b>*</b> | 6.  | Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.   | ☐ Yes ⊠ No |
| •        | 7.  | At facilities located in a covered attainment county other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014.  If the response to Question III.E.7 is "Yes," go to Section III.F. | ☐ Yes ⊠ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 7)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     |     | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)  |            |  |
|----------|-----|--|------------|--|
|          | Е.  | Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)   |            |  |
| •        | 8.  | At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004.  If the response to Question III.E.8 is "Yes," go to Section III.F. | ☐ Yes ⊠ No |  |
| •        | 9.  | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.  | ☐ Yes ⊠ No |  |
| •        | 10. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.   | ☐ Yes ⊠ No |  |
| <b>*</b> | 11. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.   | ☐ Yes ⊠ No |  |
| •        | 12. | At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.   | ☐ Yes ⊠ No |  |
|          | F.  | Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)   |            |  |
| <b>*</b> | 1.  | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.  | Yes No N/A |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 8)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     |    | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds continued)  |                  |  |
|----------|----|---|------------------|--|
|          | F. | Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)  |                  |  |
| <b>*</b> | 2. | Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.   | Yes No N/A       |  |
| <b>*</b> | 3. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.   | Yes No No N/A    |  |
|          | G. | Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities   |                  |  |
| •        | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks.  If the response to Question III.G.1 is "No" or "N/A," go to Section III.H. | ☐ Yes ☐ No ⊠ N/A |  |
| <b>*</b> | 2. | The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.   | Yes No           |  |
| •        | 3. | The application area includes facilities that began construction prior to November 15, 1992.  If the responses to Questions III.G.2 and III.G.3 are both "No," go to Section III.H.   | ☐ Yes ☐ No       |  |
| •        | 4. | The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.   | ☐ Yes ☐ No       |  |
| <b>*</b> | 5. | The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.   | Yes No N/A       |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 9)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     |    | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)  |            |  |
|----------|----|--|------------|--|
|          | н. | Control of Reid Vapor Pressure (RVP) of Gasoline   |            |  |
| •        | 1. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County.  If the response to Question III.H.1 is "No" or "N/A," go to Section III.I. | Yes No N/A |  |
| <b>*</b> | 2. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.   | Yes No     |  |
| <b>♦</b> | 3. | The application area includes a motor vehicle fuel dispensing facility.  | ☐ Yes ☐ No |  |
| •        | 4. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.   | Yes No     |  |
|          | I. | Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries   |            |  |
|          | 1. | The application area is located at a petroleum refinery.   | ☐ Yes ⊠ No |  |
|          | J. | <b>Surface Coating Processes (Complete this section for GOP applications only.)</b>  |            |  |
| <b>*</b> | 1. | Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.                             | Yes No N/A |  |

#### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 10)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     |    | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)  |                  |  |
|----------|----|--|------------------|--|
|          | K. | Cutback Asphalt  |                  |  |
|          | 1. | Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency.  If the response to Question III.K.1 is "N/A," go to Section III.L. | ☐ Yes ☐ No ☑ N/A |  |
|          | 2. | The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.  | Yes No N/A       |  |
|          | 3. | Asphalt emulsion is used or produced within the application area.  | ☐ Yes ☐ No       |  |
|          | 4. | The application area is using an alternate control requirement as specified in 30 TAC § 115.513.   | Yes No           |  |
|          | _  | If the response to Question III.K.4 is "No," go to Section III.L.  | D D              |  |
|          | 5. | The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).  | Yes No           |  |
|          | 6. | The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.   | Yes No           |  |
|          | 7. | The applicant using cutback asphalt is a state, municipal, or county agency.   | ☐ Yes ☐ No       |  |
|          | L. | Degassing of Storage Tanks, Transport Vessels and Marine Vessels   |                  |  |
| <b>*</b> | 1. | The application area includes degassing operations for stationary, marine, and/or transport vessels.  If the response to Question III.L.1 is "No" or "N/A," go to Section III.M.   | Yes No N/A       |  |
| <b>*</b> | 2. | Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area.  If the response to Question III.L.2 is "Yes," go to Section III.M.   | Yes No N/A       |  |

#### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 11)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) |   |                  |
|----------|---|---|------------------|
|          | L.  | Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)  |                  |
| •        | 3.  | Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.  | Yes No N/A       |
| <b>*</b> | 4.  | Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | ☐ Yes ☐ No ☐ N/A |
| •        | 5.  | Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.   | Yes No           |
| •        | 6.  | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.   | Yes No No N/A    |
| •        | 7.  | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure $\geq$ 0.5 psia that have sustained damage as specified in 30 TAC $\S$ 115.547(5) is performed in the application area.  | Yes No N/A       |
|          | M.  | Petroleum Dry Cleaning Systems  |                  |
|          | 1.  | The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.  | Yes No N/A       |

#### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 12)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III. | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) |  |                  |  |
|------|---|--|------------------|--|
|      | N.  | N. Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC)  |                  |  |
|      | 1.  | The application area includes one or more vent gas streams containing HRVOC.   | Yes No N/A       |  |
|      | 2.  | The application area includes one or more flares that emit or have the potential to emit HRVOC.  | ☐ Yes ☐ No ⊠ N/A |  |
|      |   | If the responses to Questions III.N.1 and III.N.2 are both "No" or "N/A," go to Section III.O. If the response to Question III.N.1 is "Yes," continue with Question III.N.3. |                  |  |
|      | 3.  | All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.   | ☐ Yes ☐ No       |  |
|      | 4.  | All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times.   | Yes No           |  |
|      |   | If the responses to Questions III.N.3 and III.N.4 are both "Yes," go to Section III.O.   |                  |  |
|      | 5.  | The application area contains pressure relief valves that are not controlled by a flare.   | Yes No           |  |
|      | 6.  | The application area has at least one vent stream which has no potential to emit HRVOC.  | ☐ Yes ☐ No       |  |
|      | 7.  | The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).  | Yes No           |  |
|      | 0.  | Cooling Tower Heat Exchange Systems (HRVOC)  |                  |  |
|      | 1.  | The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.   | Yes No N/A       |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 13)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| IV. | Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds |   |            |
|-----|---|---|------------|
|     | <b>A.</b>   | Applicability   |            |
| •   | 1.  | The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area.  For SOP applications, if the response to Question IV.A.1 is "Yes," complete Sections IV.B - IV.F and IV.H.  For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "Yes," go to Section IV.F.  For GOP applications for GOP 517, if the response to Question IV.A.1 is "Yes," complete Sections IV.C and IV.F.  For GOP applications, if the response to Question IV.A.1 is "No," go to Section VI. | ☐ Yes ⊠ No |
|     | 2.  | The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln.  If the response to Question IV.A.2 is "Yes," go to Question IV.H.1.   | ☐ Yes ⊠ No |
|     | 3.  | The application area includes a utility electric generator in an east or central Texas county.  See instructions for a list of counties included.  If the response to Question IV.A.3 is "Yes," go to Question IV.G.1.  If the responses to Questions IV.A.1 - 3 are all "No," go to Question IV.H.1.   | ☐ Yes ⊠ No |
|     | В.  | Utility Electric Generation in Ozone Nonattainment Areas  |            |
|     | 1.  | The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300.  If the response to Question IV.B.1 is "No," go to Question IV.C.1.   | Yes No     |
|     | 2.  | The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 14)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| IV.      |    | Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)   |                  |  |
|----------|----|---|------------------|--|
|          | C. | Commercial, Institutional, and Industrial Sources in Ozone Nonattainment<br>Areas   |                  |  |
| •        | 1. | The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400.   | Yes NO           |  |
|          |    | For SOP applications, if the response to Question IV.C.1 is "No," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "No," go to Section IV.F.  |                  |  |
| <b>♦</b> | 2. | The application area is located at a site that was a major source of $NO_X$ before November 15, 1992.   | ☐ Yes ☐ No ☐ N/A |  |
| <b>•</b> | 3. | The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.   | Yes No           |  |
|          | D. | Adipic Acid Manufacturing   |                  |  |
|          | 1. | The application area is located at, or part of, an adipic acid production unit.   | Yes No N/A       |  |
|          | E. | Nitric Acid Manufacturing - Ozone Nonattainment Areas   |                  |  |
|          | 1. | The application area is located at, or part of, a nitric acid production unit.  | Yes No N/A       |  |
|          | F. | Combustion Control at Minor Sources in Ozone Nonattainment Areas -<br>Boilers, Process Heaters, Stationary Engines and Gas Turbines   |                  |  |
| •        | 1. | The application area is located at a site that is a minor source of NO <sub>X</sub> in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County).  For SOP applications, if the response to Question IV.F.1 is "No," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is | Yes No           |  |
|          |    | "No," go to Section VI.   |                  |  |
| <b>*</b> | 2. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).  | Yes No           |  |
| <b>*</b> | 3. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).  | Yes No           |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 15)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| IV.      | Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued) |  |            |
|----------|---|--|------------|
|          | F.  | Combustion Control at Minor Sources in Ozone Nonattainment Areas -<br>Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)  |            |
| •        | 4.  | The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.   | Yes No     |
| <b>♦</b> | 5.  | The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.   | ☐ Yes ☐ No |
|          | 6.  | The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. <i>If the response to Question IV.F.6 is "No," go to Section IV.G.</i>   | Yes No     |
|          | 7.  | An ACSS for carbon monoxide (CO) has been approved?  | ☐ Yes ☐ No |
|          | 8.  | An ACSS for ammonia (NH <sub>3</sub> ) has been approved?  | ☐ Yes ☐ No |
|          | 9.  | Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.   |            |
|          |   |  |            |
|          | G.  | <b>Utility Electric Generation in East and Central Texas</b>   |            |
|          | 1.  | The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995.  If the response to Question IV.G.1 is "No," go to Question IV.H.1. | Yes No     |
|          | 2.  | The application area is complying with the System Cap in 30 TAC § 117.3020.  | Yes No     |
|          | Н.  | Multi-Region Combustion Control - Water Heaters, Small Boilers, and<br>Process Heaters   |            |
|          | 1.  | The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less.  If the response to question IV.H.1 is "No," go to Section V.           | ☐ Yes ⊠ No |
|          | 2.  | All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 16)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| V. | Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile<br>Organic Compound Emission Standards for Consumer and Commercial Products |  |            |
|----|---|--|------------|
|    | Α.  | Subpart B - National Volatile Organic Compound Emission Standards for<br>Automobile Refinish Coatings  |            |
|    | 1.  | The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.   | ☐ Yes ⊠ No |
|    | 2.  | The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States.  If the responses to Questions V.A.1 and V.A.2 are both "No," go to Section V.B. | ☐ Yes ⊠ No |
|    | 3.  | All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).   | Yes No     |
|    | В.  | Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products  |            |
|    | 1.  | The application area manufactures consumer products for sale or distribution in the United States.   | ☐ Yes ⊠ No |
|    | 2.  | The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.   | ☐ Yes ⊠ No |
|    | 3.  | The application area is a distributor of consumer products whose name appears on the label of one or more of the products.  If the responses to Questions V.B.1 - V.B.3 are all "No," go to Section V.C.   | ☐ Yes ⊠ No |
|    | 4.  | All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 17)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| V.  | Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile<br>Organic Compound Emission Standards for Consumer and Commercial Products<br>(continued) |   |            |
|-----|--|---|------------|
|     | C.   | Subpart D - National Volatile Organic Compound Emission Standards for<br>Architectural Coatings   |            |
|     | 1.   | The application area manufactures or imports architectural coatings for sale or distribution in the United States.  | ☐ Yes ⊠ No |
|     | 2.   | The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "No," go to Section V.D.</i> | ☐ Yes ⊠ No |
|     | 3.   | All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).   | ☐ Yes ☐ No |
|     | D.   | Subpart E - National Volatile Organic Compound Emission Standards for<br>Aerosol Coatings   |            |
|     | 1.   | The application area manufactures or imports aerosol coating products for sale or distribution in the United States.  | ☐ Yes ⊠ No |
|     | 2.   | The application area is a distributor of aerosol coatings for resale or distribution in the United States.  | ☐ Yes ⊠ No |
|     | Е.   | Subpart F - Control of Evaporative Emissions from New and In-Use Portable Fuel Containers   |            |
|     | 1.   | The application area manufactures or imports portable fuel containers for sale or distribution in the United States.  If the response to Question V.E.1 is "No," go to Section VI.  | ☐ Yes ⊠ No |
|     | 2.   | All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).   | Yes No     |
| VI. | Title  | 40 Code of Federal Regulations Part 60 - New Source Performance Standards   |            |
|     | A.   | Applicability   |            |
| •   | 1.   | The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts.  If the response to Question VI.A.1 is "No," go to Section VII.   | ⊠ Yes □ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 18)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      |    | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)   |                  |  |
|----------|----|---|------------------|--|
|          | В. | Subpart Y - Standards of Performance for Coal Preparation and Processing Plants   |                  |  |
|          | 1. | The application area is located at a coal preparation and processing plant. If the response to Question VI.B.1 is "No," go to Section VI.C.   | ⊠ Yes □ No       |  |
|          | 2. | The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd).  If the response to Question VI.B.2 is "No," go to Section VI.C.   | ⊠ Yes □ No       |  |
|          | 3. | The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option.  If the response to Question VI.B.3 is "Yes," go to Section VI.C.  | ☐ Yes ⊠ No       |  |
|          | 4. | The plant contains an open storage pile, as defined in § 60.251, as an affected facility.  If the response to Question VI.B.4 is "No," go to Section VI.C.  | ⊠ Yes □ No       |  |
|          | 5. | The open storage pile was constructed, reconstructed or modified after May 27, 2009.  | ☐ Yes ⊠ No       |  |
|          | C. | Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)   |                  |  |
| •        | 1. | The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired.  If the response to Question VI.C.1 is "No" or "N/A," go to Section VI.E. | ☐ Yes ☐ No ☐ N/A |  |
| •        | 2. | One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "No," go to Section VI.E.</i>  | Yes No           |  |
| <b>*</b> | 3. | One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).   | Yes No           |  |
| <b>*</b> | 4. | The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.  | Yes No           |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 19)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      |    | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)   |                  |  |
|----------|----|---|------------------|--|
|          | C. | Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)   |                  |  |
| <b>*</b> | 5. | One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.   | Yes No           |  |
|          | D. | Subpart XX - Standards of Performance for Bulk Gasoline Terminals   |                  |  |
|          | 1. | The application area includes bulk gasoline terminal loading racks.  If the response to Question VI.D.1 is "No," go to Section VI.E.  | ☐ Yes ⊠ No ☐ N/A |  |
|          | 2. | One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.   | Yes No           |  |
|          | Е. | Subpart LLL - Standards of Performance for Onshore Natural Gas<br>Processing: Sulfur Dioxide (SO <sub>2</sub> ) Emissions   |                  |  |
| •        | 1. | The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore).  For SOP applications, if the response to Question VI.E.1 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is or "N/A," go to Section VI.H.   | ☐ Yes ⊠ No       |  |
| <b>*</b> | 2. | The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011.  For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "No," go to Section VI.H.  | Yes No           |  |
| •        | 3. | The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD.  For SOP applications, if the response to Question VI.E.3 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "No," go to Section VI.H. | Yes No           |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 20)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      |    | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)  |            |  |
|----------|----|--|------------|--|
|          | Е. | Subpart LLL - Standards of Performance for Onshore Natural Gas<br>Processing: Sulfur Dioxide (SO <sub>2</sub> ) Emissions (continued)  |            |  |
| <b>*</b> | 4. | Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.  | Yes No     |  |
|          |    | For SOP applications, if the response to Question VI.E.4. is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "No," go to Section VI.H.  |            |  |
| <b>*</b> | 5. | Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below  |            |  |
|          |    |  |            |  |
|          | F. | Subpart OOO - Standards of Performance for Nonmetallic Mineral<br>Processing Plants  |            |  |
|          | 1. | The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.  | ⊠ Yes □ No |  |
|          |    | If the response to Question VI.F.1 is "No," go to Section VI.G.  |            |  |
|          | 2. | Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.  | Yes No     |  |
|          | G. | Subpart QQQ - Standards of Performance for VOC Emissions from<br>Petroleum Refinery Wastewater Systems   |            |  |
|          | 1. | The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. | ☐ Yes ⊠ No |  |
|          |    | If the response to Question VI.G.1 is "No," go to Section VI.H.  |            |  |
|          | 2. | The application area includes storm water sewer systems.   | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 21)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      |    | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards continued)   |                  |  |
|----------|----|--|------------------|--|
|          | G. | Subpart QQQ - Standards of Performance for VOC Emissions from<br>Petroleum Refinery Wastewater Systems (continued)   |                  |  |
|          | 3. | The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.  | Yes No           |  |
|          | 4. | The application area includes non-contact cooling water systems.   | Yes No           |  |
|          | 5. | The application area includes individual drain systems.  If the response to Question VI.G.5 is "No," go to Section VI.H.   | Yes No           |  |
|          | 6. | The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).  | Yes No           |  |
|          | 7. | The application area includes completely closed drain systems.   | Yes No           |  |
|          | Н. | Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004                                       |                  |  |
| •        | 1. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator.  If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "No," go to Question VI.H.4. | ☐ Yes ⊠ No ☐ N/A |  |
| •        | 2. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.  | Yes No           |  |
| <b>♦</b> | 3. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.  | Yes No           |  |
| <b>*</b> | 4. | The application area includes at least one air curtain incinerator.  If the response to Question VI.H.4 is "No," go to Section VI.I.   | ☐ Yes ⊠ No       |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 22)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) |  |            |
|----------|---|--|------------|
|          | Н.  | Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)   |            |
| •        | 5.  | The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "No," go to Question VI.H.7.</i>  | Yes No     |
| <b>*</b> | 6.  | All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.  | Yes No     |
| <b>*</b> | 7.  | The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.  | Yes No     |
| <b>•</b> | 8.  | All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.  | Yes No     |
|          | I.  | Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001                                   |            |
| <b>*</b> | 1.  | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator.  If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "No," go to Question VI.I.4. | Yes No N/A |
| <b>*</b> | 2.  | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 23)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) |  |            |
|----------|---|--|------------|
|          | I.  | Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued) |            |
| •        | 3.  | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.               | Yes No     |
| <b>*</b> | 4.  | The application area includes at least one air curtain incinerator.  If the response to Question VI.I.4 is "No," go to Section VI.J.   | ☐ Yes ⊠ No |
| •        | 5.  | The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.  If the response to Question VI.I.5 is "No," go to VI.I.7.                                | Yes No     |
| <b>*</b> | 6.  | All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.   | Yes No     |
| <b>*</b> | 7.  | The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.   | Yes No     |
| <b>*</b> | 8.  | All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.                                       | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 24)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) |   |                  |
|----------|---|---|------------------|
|          | J.  | Subpart EEEE - Standards of Performance for Other Solid Waste<br>Incineration Units for Which Construction Commenced After<br>December 9, 2004 or for Which Modification or Reconstruction Commenced<br>on or After June 16, 2006   |                  |
| <b>*</b> | 1.  | The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.  If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "No," go to Question VI.J.4. | ☐ Yes ⊠ No ☐ N/A |
| <b>*</b> | 2.  | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.  | Yes No           |
| •        | 3.  | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.  | Yes No           |
| <b>*</b> | 4.  | The application area includes at least one air curtain incinerator.  If the response to Question VI.J.4 is "No," go to Section VI.K.  | ☐ Yes ⊠ No       |
| •        | 5.  | The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.  If the response to Question VI.J.5 is "No," go to Question VI.J.7.   | Yes No           |
| <b>*</b> | 6.  | All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.  | Yes No           |
| <b>*</b> | 7.  | The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.   | Yes No           |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 25)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      |               | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)   |                  |  |  |
|----------|---------------|--|------------------|--|--|
|          | J.            | Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)                       |                  |  |  |
| <b>*</b> | 8.            | All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.   | Yes No           |  |  |
| <b>*</b> | 9.            | The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.   | Yes No           |  |  |
| <b>*</b> | 10.           | The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.  | Yes No           |  |  |
|          | K.            | Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas<br>Production, Transmission and Distribution   |                  |  |  |
| •        | 1.            | The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.   | ☐ Yes ⊠ No       |  |  |
| VII.     | Title<br>Haza | 40 Code of Federal Regulations Part 61 - National Emission Standards for rdous Air Pollutants  |                  |  |  |
|          | A.            | Applicability  |                  |  |  |
| <b>*</b> | 1.            | The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts.  If the response to Question VII.A.1 is "No" or "N/A," go to Section VIII.   | ☐ Yes ⊠ No ☐ N/A |  |  |
|          | В.            | Subpart F - National Emission Standard for Vinyl Chloride  |                  |  |  |
|          | 1.            | The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride. | ☐ Yes ☐ No       |  |  |
|          | C.            | Subpart J - National Emission Standard for Benzene Emissions for<br>Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this<br>section for GOP applications only)  |                  |  |  |
| <b>♦</b> | 1.            | The application area includes equipment in benzene service.  | Yes No N/A       |  |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 26)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. |    | e 40 Code of Federal Regulations Part 61 - National Emission Standards for ardous Air Pollutants (continued)   |            |  |
|------|----|--|------------|--|
|      | D. | Subpart L - National Emission Standard for Benzene Emissions from Coke<br>By-Product Recovery Plants   |            |  |
|      | 1. | The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). | Yes No     |  |
|      |    | If the response to Question VII.D.1 is "No," go to Section VII.E.  |            |  |
|      | 2. | The application area includes equipment in benzene service as determined by $40~\mathrm{CFR}~\S~61.137(b)$ .   | Yes No     |  |
|      | 3. | The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.   | ☐ Yes ☐ No |  |
|      | Е. | Subpart M - National Emission Standard for Asbestos  |            |  |
|      |    | Applicability  |            |  |
|      | 1. | The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155.                   | Yes No     |  |
|      |    | If the response to Question VII.E.1 is "No," go to Section VII.F.  |            |  |
|      |    | Roadway Construction   |            |  |
|      | 2. | The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.                               | ☐ Yes ☐ No |  |
|      |    | Manufacturing Commercial Asbestos  |            |  |
|      | 3. | The application area includes a manufacturing operation using commercial asbestos.  If the response to Question VII.E.3 is "No," go to Question VII.E.4.     | ☐ Yes ☐ No |  |
|      |    |  |            |  |
|      |    | Visible emissions are discharged to outside air from the manufacturing operation   | Yes No     |  |
|      |    | b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.     | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 27)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. |    | Title 40 Code of Federal Regulations Part 61 - National Emission Standards for<br>Hazardous Air Pollutants (continued) |   |            |  |
|------|----|--|---|------------|--|
|      | E. | Subp   | Subpart M - National Emission Standard for Asbestos (continued)   |            |  |
|      |    | Man  | ufacturing Commercial Asbestos (continued)  |            |  |
|      |    | c.   | Asbestos-containing waste material is processed into non-friable forms.   | ☐ Yes ☐ No |  |
|      |    | d.   | Asbestos-containing waste material is adequately wetted.  | ☐ Yes ☐ No |  |
|      |    | e.   | Alternative filtering equipment is being used that has received EPA approval.   | Yes No     |  |
|      |    | f.   | A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles                    | Yes No     |  |
|      |    | g.   | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.                            | Yes No     |  |
|      |    | Asbe   | stos Spray Application  |            |  |
|      | 4. | mate   | application area includes operations in which asbestos-containing rials are spray applied.  e response to Question VII.E.4 is "No," go to Question VII.E.5. | Yes No     |  |
|      |    | a.   | Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying.                                     | Yes No     |  |
|      |    |  | response to Question VII.E.4.a is "Yes," go to Question VII.E.5.  |            |  |
|      |    | b.   | Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.                                   | Yes No     |  |
|      |    | c.   | An alternative emission control and waste treatment method is being used that has received prior EPA approval.  | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 28)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. |    | 40 Code of Federal Regulations Part 61 - National Emission Standards for ordous Air Pollutants (continued) |  |            |  |
|------|----|--|--|------------|--|
|      | E. | Subp   | Subpart M - National Emission Standard for Asbestos (continued)  |            |  |
|      |    | Asbe   | stos Spray Application (continued)   |            |  |
|      |    | d.   | Asbestos-containing waste material is processed into non-friable forms.  | ☐ Yes ☐ No |  |
|      |    | e.   | Asbestos-containing waste material is adequately wetted.   | ☐ Yes ☐ No |  |
|      |    | f.   | Alternative filtering equipment is being used that has received EPA approval.  | Yes No     |  |
|      |    | g.   | A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.                          | Yes No     |  |
|      |    | h.   | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | Yes No     |  |
|      |    | Fabr   | ricating Commercial Asbestos   |            |  |
|      | 5. | The asbe   | application area includes a fabricating operation using commercial stos.   | Yes No     |  |
|      |    | If the   | e response to Question VII.E.5 is "No," go to Question VII.E.6.  |            |  |
|      |    | a.   | Visible emissions are discharged to outside air from the manufacturing operation.  | Yes No     |  |
|      |    | b.   | An alternative emission control and waste treatment method is being used that has received prior EPA approval.                   | Yes No     |  |
|      |    | c.   | Asbestos-containing waste material is processed into non-friable forms.  | ☐ Yes ☐ No |  |
|      |    | d.   | Asbestos-containing waste material is adequately wetted.   | ☐ Yes ☐ No |  |
|      |    | e.   | Alternative filtering equipment is being used that has received EPA approval.  | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 29)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. |    | 40 Code of Federal Regulations Part 61 - National Emission Standards for ardous Air Pollutants (continued)  |        |  |
|------|----|---|--------|--|
|      | E. | Subpart M - National Emission Standard for Asbestos (continued)   |        |  |
|      |    | Fabricating Commercial Asbestos (continued)   |        |  |
|      |    | f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.  | Yes No |  |
|      |    | g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.   | Yes No |  |
|      |    | Non-sprayed Asbestos Insulation   |        |  |
|      | 6. | The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.                | Yes No |  |
|      |    | Asbestos Conversion   |        |  |
|      | 7. | The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.                | Yes No |  |
|      | F. | Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities   |        |  |
|      | 1. | The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process. | Yes No |  |
|      | G. | Subpart BB - National Emission Standard for Benzene Emissions from<br>Benzene Transfer Operations   |        |  |
|      | 1. | The application area is located at a benzene production facility and/or bulk terminal.  | Yes No |  |
|      |    | If the response to Question VII.G.1 is "No," go to Section VII.H.   |        |  |
|      | 2. | The application area includes benzene transfer operations at marine vessel loading racks.   | Yes No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 30)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. |    | tle 40 Code of Federal Regulations Part 61 - National Emission Standards for azardous Air Pollutants (continued)   |            |  |
|------|----|--|------------|--|
|      | G. | Subpart BB - National Emission Standard for Benzene Emissions from<br>Benzene Transfer Operations (continued)  |            |  |
|      | 3. | The application area includes benzene transfer operations at railcar loading racks.  | ☐ Yes ☐ No |  |
|      | 4. | The application area includes benzene transfer operations at tank-truck loading racks.   | Yes No     |  |
|      | H. | Subpart FF - National Emission Standard for Benzene Waste Operations   |            |  |
|      |    | Applicability  |            |  |
|      | 1. | The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.   | Yes No     |  |
|      | 2. | The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b).  If the responses to Questions VII.H.1 and VII.H.2 are both "No," go to Section VIII.    | Yes No     |  |
|      | 3. | The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates.  If the response to Question VII.H.3 is "Yes," go to Section VIII.   | Yes No     |  |
|      | 4. | The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr).  If the response to Question VII.H.4 is "Yes," go to Section VIII                          | Yes No     |  |
|      | 5. | The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "Yes," go to Section VIII.</i> | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 31)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. | Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) |  |        |
|------|---|--|--------|
|      | Н.  | Subpart FF - National Emission Standard for Benzene Waste Operations (continued)   |        |
|      |   | Applicability (continued)  |        |
|      | 6.  | The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.   | Yes No |
|      | 7.  | The application area has waste streams with flow-weighted annual average water content of 10% or greater.  | Yes No |
|      |   | Waste Stream Exemptions  |        |
|      | 8.  | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).   | Yes No |
|      | 9.  | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr. | Yes No |
|      | 10.   | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.  | Yes No |
|      | 11.   | The application area transfers waste off-site for treatment by another facility.   | Yes No |
|      | 12.   | The application area is complying with 40 CFR § 61.342(d).   | Yes No |
|      | 13.   | The application area is complying with 40 CFR § 61.342(e).  If the response to Question VII.H.13 is "No," go to Question VII.H.15.   | Yes No |
|      | 14.   | The application area has facility waste with a flow weighted annual average water content of less than 10%.  | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 32)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. | Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) |  |        |
|------|---|--|--------|
|      | Н.  | Subpart FF - National Emission Standard for Benzene Waste Operations (continued)   |        |
|      |   | Container Requirements   |        |
|      | 15.   | The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste.  If the response to Question VII.H.15 is "No," go to Question VII.H.18.                             | Yes No |
|      | 16.   | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.  If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.                     | Yes No |
|      | 17.   | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.   | Yes No |
|      |   | Individual Drain Systems   |        |
|      | 18.   | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste.  If the response to Question VII.H.18 is "No," go to Question VII.H.25.     | Yes No |
|      | 19.   | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.  If the response to Question VII.H.19 is "Yes," go to Question VII.H.25. | Yes No |
|      | 20.   | The application area has individual drain systems complying with 40 CFR § 61.346(a).  If the response to Question VII.H.20 is "No," go to Question VII.H.22.   | Yes No |
|      | 21.   | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.                                     | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 33)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII.  |                        | Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)  |            |  |
|-------|------------------------|--|------------|--|
|       | Н.                     | <b>Subpart FF - National Emission Standard for Benzene Waste Operations</b> (continued)  |            |  |
|       |                        | Individual Drain Systems (continued)   |            |  |
|       | 22.                    | The application area has individual drain systems complying with 40 CFR § 61.346(b).  If the response to Question VII.H.22 is "No," go to Question VII.H.25.   | Yes No     |  |
|       | 23.                    | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.   | Yes No     |  |
|       | 24.                    | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.  | Yes No     |  |
|       | Remediation Activities |  |            |  |
|       | 25.                    | Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.   | ☐ Yes ☐ No |  |
| VIII. |                        | 40 Code of Federal Regulations Part 63 - National Emission Standards for rdous Air Pollutants for Source Categories  |            |  |
|       | Α.                     | Applicability  |            |  |
| •     | 1.                     | The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63.  See instructions for 40 CFR Part 63 subparts made applicable only by reference. | ⊠ Yes □ No |  |
|       | В.                     | Subpart F - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry   |            |  |
|       | 1.                     | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).  If the response to Question VIII.B.1 is "No," go to Section VIII.D.  | ☐ Yes ⊠ No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 34)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | В.  | Subpart F - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry<br>(continued)   |            |
|       | 2.  | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).  If the response to Question VIII.B.2 is "No," go to Section VIII.D.   | ☐ Yes ☐ No |
|       | 3.  | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.   | ☐ Yes ☐ No |
|       | 4.  | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.  | Yes No     |
|       | 5.  | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does not use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.  If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D. | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 35)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | C.  | Subpart G - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry for<br>Process Vents, Storage Vessels, Transfer Operations, and Wastewater   |            |
|       |   | Applicability   |            |
|       | 1.  | The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F.  If the response to Question VIII.C.1 is "No," go to Section VIII.D. | ☐ Yes ☐ No |
|       | 2.  | The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.  | Yes No     |
|       | 3.  | The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148.  If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.   | Yes No     |
|       | 4.  | The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.  | Yes No     |
|       | 5.  | The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere.  If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.   | Yes No     |
|       |   | Vapor Collection and Closed Vent Systems  |            |
|       | 6.  | Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.   | Yes No     |
|       | 7.  | Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 36)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | I. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |  |
|-------|--|--|------------|--|
|       | C.   | Subpart G - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry for<br>Process Vents, Storage Vessels, Transfer Operations, and Wastewater<br>(continued) |            |  |
|       |  | Reloading or Cleaning of Railcars, Tank Trucks, or Barges  |            |  |
|       | 8.   | The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank.  If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.                            | Yes No     |  |
|       | 9.   | The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.    | Yes No     |  |
|       | 10.  | The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.   | Yes No     |  |
|       |  | Transfer Racks   |            |  |
|       | 11.  | The application area includes Group 1 transfer racks that load organic HAPs.   | ☐ Yes ☐ No |  |
|       |  | Process Wastewater Streams   |            |  |
|       | 12.  | The application area includes process wastewater streams.  If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.  | Yes No     |  |
|       | 13.  | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF.  If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.                            | Yes No     |  |
|       | 14.  | The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).   | Yes No     |  |
|       | 15.  | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F.  If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.                             | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 37)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|--|--|------------|
|       | C.   | Subpart G - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry for<br>Process Vents, Storage Vessels, Transfer Operations, and Wastewater<br>(continued)         |            |
|       |  | Process Wastewater Streams (continued)   |            |
|       | 16.  | The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).   | Yes No     |
|       | 17.  | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272.  If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.                                  | Yes No     |
|       | 18.  | The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).  | Yes No     |
|       | 19.  | The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).  | Yes No     |
|       | 20.  | The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.   | ☐ Yes ☐ No |
|       | 21.  | The application area includes process wastewater streams, located at existing sources that are Group 2.  | Yes No     |
|       | 22.  | The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds. | ☐ Yes ☐ No |
|       | 23.  | The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 38)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|---|--|------------|
|       | C.  | Subpart G - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry for<br>Process Vents, Storage Vessels, Transfer Operations, and Wastewater<br>(continued)           |            |
|       |   | Process Wastewater Streams (continued)   |            |
|       | 24.   | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.  If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.   | Yes No     |
|       | 25.   | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.                   | Yes No     |
|       | 26.   | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.  | Yes No     |
|       | 27.   | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | Yes No     |
|       | 28.   | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.  If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.               | ☐ Yes ☐ No |
|       | 29.   | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.  | Yes No     |
|       | 30.   | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 39)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | C.  | Subpart G - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry for<br>Process Vents, Storage Vessels, Transfer Operations, and Wastewater<br>(continued)  |            |
|       |   | Drains  |            |
|       | 31.   | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.  If the response to Question VIII.C.31 is "No," go to Question VIII.C.34.  | ☐ Yes ☐ No |
|       | 32.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.  | Yes No     |
|       | 33.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.   | ☐ Yes ☐ No |
|       | 34.   | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).  If the response to Question VIII.C.34 is "No," go to Question VIII.C.39.                     | ☐ Yes ☐ No |
|       | 35.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).  If the response to Question VIII.C.35 is "No," go to Question VIII.C.39.              | ☐ Yes ☐ No |
|       | 36.   | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate. | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 40)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | C.  | Subpart G-National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry for<br>Process Vents, Storage Vessels, Transfer Operation, and Wastewater<br>(continued)   |            |
|       |   | Drains (continued)  |            |
|       | 37.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.   | ☐ Yes ☐ No |
|       | 38.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(1)(1) or (1)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐ Yes ☐ No |
|       |   | Gas Streams   |            |
|       | 39.   | The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.   | Yes No     |
|       | 40.   | The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).   | Yes No     |
|       | D.  | Subpart N - National Emission Standards for Chromium Emissions From<br>Hard and Decorative Chromium Electroplating and Chromium Anodizing<br>Tanks  |            |
|       | 1.  | The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.  | ☐ Yes ⊠ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 41)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |    | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for<br>Hazardous Air Pollutants for Source Categories (continued)   |            |  |
|-------|----|--|------------|--|
|       | E. | Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities  |            |  |
|       | 1. | The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials.  If the response to Question VIII.E.1 is "No," go to Section VIII.F.  | ☐ Yes ⊠ No |  |
|       | 2. | Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O.  If the response to Question VIII.E.2 is "No," go to Section VIII.F.  | ☐ Yes ☐ No |  |
|       | 3. | The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.   | Yes No     |  |
|       | 4. | The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.  | Yes No     |  |
|       | F. | Subpart Q - National Emission Standards for Industrial Process Cooling<br>Towers   |            |  |
|       | 1. | The application area includes industrial process cooling towers.  If the response to Question VIII.F.1 is "No," go to Section VIII.G.  | ☐ Yes⊠ No  |  |
|       | 2. | Chromium-based water treatment chemicals have been used on or after September 8, 1994.   | Yes No     |  |
|       | G. | Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)  |            |  |
|       | 1. | The application area includes a bulk gasoline terminal.  | ☐ Yes ⊠ No |  |
|       | 2. | The application area includes a pipeline breakout station.  If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.   | ☐ Yes ⊠ No |  |
|       | 3. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station.  If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10. | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 42)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | G.  | Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)   |            |
|       | 4.  | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs.  If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10. | ☐ Yes ☐ No |
|       | 5.  | An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station.  If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.  | Yes No     |
|       | 6.  | The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep).  If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.  | Yes No     |
|       | 7.  | Emissions screening factor less than 0.5 (ET or EP < 0.5).  If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.  | Yes No     |
|       | 8.  | Emissions screening factor greater than or equal to 0.5, but less than 1.0 $(0.5 \le \text{ET or EP} < 1.0)$ .  If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.  | Yes No     |
|       | 9.  | Emissions screening factor greater than or equal to 1.0 (ET or EP $\geq$ 1.0). If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.   | Yes No     |
|       | 10.   | The site at which the application area is located is a major source of HAP.  If the response to Question VIII.G.10 is "No," go to Section VIII.H.   | Yes No     |
|       | 11.   | The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 43)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | . Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | Н.  | Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry   |            |
|       | 1.  | The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2.   | ☐ Yes ⊠ No |
|       |   | If the response to Question VIII.H.1 is "No," go to Section VIII.I.   |            |
|       | 2.  | The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3).   | Yes No     |
|       |   | If the response to Question VIII.H.2 is "No," go to Section VIII.I.   |            |
|       | 3.  | The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources.  If the response to Question VIII.H.3 is "No," go to Section VIII.I.  | ☐ Yes ☐ No |
|       | 4.  | The application area includes one or more kraft pulping systems that are existing sources.  | Yes No     |
|       | 5.  | The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.  | Yes No     |
|       | 6.  | The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24.  If the response to Question VIII.H.6 is "No," go to Section VIII.I. | ☐ Yes☐ No  |
|       | 7.  | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).   | Yes No     |
|       | 8.  | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 44)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |    | e 40 Code of Federal Regulations Part 63 - National Emission Standards for cardous Air Pollutants for Source Categories (continued)  |            |  |
|-------|----|--|------------|--|
|       | I. | Subpart T - National Emission Standards for Halogenated Solvent Cleaning   |            |  |
|       | 1. | The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent. | ☐ Yes ⊠ No |  |
|       | 2. | The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.  | ☐ Yes ⊠ No |  |
|       | 3. | The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.  | ☐ Yes ⊠ No |  |
|       | J. | Subpart U - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group 1 Polymers and Resins  |            |  |
|       | 1. | The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units.  If the response to Question VIII.J.1 is "No," go to Section VIII.K.   | ☐ Yes ⊠ No |  |
|       | 2. | Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U.  If the response to Question VIII.J.2 is "No," go to Section VIII.K.   | Yes No     |  |
|       | 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.  | Yes No     |  |
|       | 4. | The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.  | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 45)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|---|--|------------|
|       | J.  | Subpart U - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group 1 Polymers and Resins (continued)  |            |
|       | 5.  | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.  If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.  | Yes No     |
|       | 6.  | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6 is "No," go to Question VIII.J.8</i> .             | Yes No     |
|       | 7.  | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.  | Yes No     |
|       | 8.  | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐ Yes ☐ No |
|       | 9.  | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.  If the responses to Questions VIII.J.8 - VIII.J.9 are both "No," go to Question VIII.J.11.                 | ☐ Yes ☐ No |
|       | 10.   | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 46)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|---|--|------------|
|       | J.  | Subpart U - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group 1 Polymers and Resins (continued)  |            |
|       |   | Containers   |            |
|       | 11.   | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.  | Yes No     |
|       |   | Drains   |            |
|       | 12.   | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.  If the response to Question VIII.J.12 is "No," go to Question VIII.J.15. | ☐ Yes ☐ No |
|       | 13.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.   | Yes No     |
|       | 14.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.  | Yes No     |
|       | 15.   | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit.  If the response to Question VIII.J.15 is "No," go to Section VIII.K.                      | Yes No     |
|       | 16.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12).  If the response to Question VIII.J.16 is "No," go to Section VIII.K.  | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 47)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |                  |
|-------|--|--|------------------|
|       | J.   | Subpart U - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group 1 Polymers and Resins (continued)  |                  |
|       |  | Drains (continued)   |                  |
|       | 17.  | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.   | Yes No           |
|       | 18.  | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.   | ☐ Yes ☐ No       |
|       | 19.  | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute. | Yes No           |
|       | K.   | Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production   |                  |
|       | 1.   | The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area.  If the response to Question VIII.K.1 is "No" or "N/A," go to Section VIII.L.   | ☐ Yes ⊠ No ☐ N/A |
|       | 2.   | The application area includes a BLR and/or WSR research and development facility.  | Yes No           |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 48)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |                  |
|-------|---|---|------------------|
|       | L.  | Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting   |                  |
|       | 1.  | The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter.  If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.     | ☐ Yes ⊠ No ☐ N/A |
|       | 2.  | The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.   | Yes No           |
|       | М.  | Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations   |                  |
|       | 1.  | The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.  | ☐ Yes ⊠ No       |
|       | N.  | Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries   |                  |
|       |   | Applicability   |                  |
|       | 1.  | The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). If the response to Question VIII.N.1 is "No," go to Section VIII.O. | ☐ Yes ⊠ No       |
|       | 2.  | All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7).  If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.  | Yes No           |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 49)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | N.  | Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)   |            |
|       |   | Applicability (continued)   |            |
|       | 3.  | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).  If the response to Question VIII.N.3 is "No," go to Section VIII.O.   | Yes No     |
|       | 4.  | The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC.  If the response to Question VIII.N.4 is "No," go to Section VIII.O.  | ☐ Yes ☐ No |
|       | 5.  | The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.   | Yes No     |
|       | 6.  | The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.   | Yes No     |
|       | 7.  | The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.  If the response to Question VIII.N.7 is "No," go to Question VIII.N.13. | ☐ Yes ☐ No |
|       | 8.  | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).   | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 50)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |                  |
|-------|---|---|------------------|
|       | N.  | Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)   |                  |
|       |   | Applicability (continued)   |                  |
|       | 9.  | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii).  If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.   | Yes No           |
|       | 10.   | The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992. | Yes No           |
|       |   | Containers, Drains, and other Appurtenances   |                  |
|       | 11.   | The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).   | Yes No           |
|       | 12.   | The application area includes individual drain systems that are subject to the requirements of 40 CFR $\S$ 63.136 as a result of complying with 40 CFR $\S$ 63.640(o)(2)(ii).   | ☐ Yes ☐ No       |
|       | 13.   | The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).   | Yes No           |
|       | 0.  | Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations   |                  |
|       | 1.  | The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1).  If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P  | ☐ Yes ⊠ No ☐ N/A |
|       | 2.  | Materials specified in 40 CFR § 63.680(b)(2) are received at the application  | Yes No           |
|       | ۷.  | area.   |                  |
|       | 3.  | The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.   | Yes No           |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 51)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | I. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|--|---|------------|
|       | 0.   | Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)   |            |
|       | 4.   | The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).  | Yes No     |
|       | 5.   | The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."  | Yes No     |
|       | 6.   | The predominant activity in the application area is the treatment of wastewater received from off-site.   | Yes No     |
|       | 7.   | The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).  | Yes No     |
|       | 8.   | The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61. | ☐ YES ☐ No |
|       | 9.   | The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).   | ☐ Yes ☐ No |
|       | 10.  | The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year.  If the response to Question VIII.O.10 is "Yes," go to Section VIII.P.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 52)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|--|--|------------|
|       | 0.   | Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)  |            |
|       | 11.  | The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater.  If the response to Question VIII.O.11 is "No," go to Question VIII.O.14.   | ☐ Yes ☐ No |
|       | 12.  | VOHAP concentration is determined by direct measurement.   | Yes No     |
|       | 13.  | VOHAP concentration is based on knowledge of the off-site material.  | Yes No     |
|       | 14.  | The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system.  If the response to Question VIII.O.14 is "No," go to Question VIII.O.17. | ☐ Yes ☐ No |
|       | 15.  | An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.   | Yes No     |
|       | 16.  | An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.  | Yes No     |
|       | 17.  | The application area includes containers that manage non-exempt off-site material.   | Yes No     |
|       | 18.  | The application area includes individual drain systems that manage non-exempt off-site materials.  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 53)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII.    |    | tle 40 Code of Federal Regulations Part 63 - National Emission Standards for azardous Air Pollutants for Source Categories (continued)   |                 |  |
|----------|----|--|-----------------|--|
|          | Р. | Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities   |                 |  |
|          | 1. | The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components.  If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.   | ☐ Yes⊠ No ☐ N/A |  |
|          | 2. | The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).  | Yes No          |  |
|          | Q. | Subpart HH - National Emission Standards for Hazardous Air Pollutants<br>From Oil and Natural Gas Production Facilities.   |                 |  |
| <b>*</b> | 1. | The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.  | ☐ Yes ⊠ No      |  |
| •        | 2. | The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user.  For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R.  For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z. | ☐ Yes ⊠ No      |  |
| •        | 3. | The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761.  For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.  For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.  | Yes No          |  |
| <b>♦</b> | 4. | The application area is located at a site that is a major source of HAP.  If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.   | Yes No          |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 54)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII.    | I. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |        |
|----------|--|--|--------|
|          | Q.   | Subpart - HH - National Emission Standards for Hazardous Air Pollutants<br>From Oil and Natural Gas Production Facilities (continued)  |        |
| •        | 5.   | The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.  For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.  For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.  For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9. | Yes No |
| •        | 6.   | The application area includes a triethylene glycol (TEG) dehydration unit.  For SOP applications, f the answer to Question VIII.Q.6 is "No," go to  Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "No," go to Section VIII.Z.  | Yes No |
| <b>♦</b> | 7.   | The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.  | Yes No |
| <b>•</b> | 8.   | The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.   | Yes No |
| <b>*</b> | 9.   | Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).   | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 55)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for<br>Hazardous Air Pollutants for Source Categories (continued) |  |                  |  |
|--|--|------------------|--|
| R.   | Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)  |                  |  |
| 1.   | The application area includes shipbuilding or ship repair operations.  If the response to Question VIII.R.1 is "NO," go to Section VIII.S.   | ☐ Yes ⊠ No       |  |
| 2.   | Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.  | Yes No           |  |
| S.   | Subpart JJ - National Emission Standards for Wood Furniture<br>Manufacturing Operations  |                  |  |
| 1.   | The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations.  If the response to Question VIII.S.1 is "No" or "N/A," go to Section VIII.T.  | ☐ Yes ⊠ No ☐ N/A |  |
| 2.   | The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR $\S$ 63.801.   | Yes No           |  |
| T.   | Subpart KK - National Emission Standards for the Printing and Publishing Industry  |                  |  |
| 1.   | The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.   | ☐ Yes ⊠ No ☐ N/A |  |
| U.   | Subpart PP - National Emission Standards for Containers  |                  |  |
| 1.   | The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions.  If the response to Question VIII.U.1 is "NO," go to Section VIII.V. | ☐ Yes ⊠ No       |  |
| 2.   | The application area includes containers using Container Level 1 controls.   | ☐ Yes ☐ No       |  |
| 3.   | The application area includes containers using Container Level 2 controls.   | Yes No           |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 56)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | . Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|---|--|------------|
|       | U.  | <b>Subpart PP - National Emission Standards for Containers (continued)</b>   |            |
|       | 4.  | The application area includes containers using Container Level 3 controls.   | Yes No     |
|       | v.  | Subpart RR - National Emission Standards for Individual Drain Systems  |            |
|       | 1.  | The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.  | ☐ Yes ⊠ No |
|       | W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards  |            |
|       | 1.  | The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.   | ☐ Yes ⊠ No |
|       | 2.  | The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.  If the responses to Questions VIII.W.1 and VIII.W.2 are both "No," go to Question VIII.W.20. | ☐ Yes ⊠ No |
|       | 3.  | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).  | Yes No     |
|       | 4.  | The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).   | Yes No     |
|       | 5.  | All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.  | Yes No     |
|       | 6.  | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.W.6 is "No," go to Question VIII.W.8.   | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 57)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)   |            |
|       | 7.  | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.   | Yes No     |
|       | 8.  | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.      | ☐ Yes ☐ No |
|       | 9.  | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.  If the responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.                         | Yes No     |
|       | 10.   | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.   | Yes No     |
|       | 11.   | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.   | Yes No     |
|       | 12.   | The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.  If the response to Question VIII.W.12 is "No," go to Question VIII.W.15. | Yes No     |
|       | 13.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.   | Yes No     |
|       | 14.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 58)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|--|---|------------|
|       | W.   | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)   |            |
|       | 15.  | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. If the response to Question VIII.W.15 is "No," go to Question VIII.W.20.     | ☐ Yes ☐ No |
|       | 16.  | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.  | Yes No     |
|       | 17.  | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.  | ☐ Yes ☐ No |
|       | 18.  | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 59)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |     | 40 Code of Federal Regulations Part 63 - National Emission Standards for rdous Air Pollutants for Source Categories (continued)   |                  |
|-------|-----|---|------------------|
|       | W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)   |                  |
|       | 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute. | Yes No           |
|       | 20. | The application area includes an ethylene production process unit.  | ☐ Yes ⊠ No ☐ N/A |
|       | 21. | The application area includes waste streams generated from an ethylene production process unit.  If the responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.  | ☐ Yes ⊠ No ☐ N/A |
|       | 22. | The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1).  If the response to Question VIII.W.22 is "No," go to Question VIII.W.54.  | Yes No           |
|       | 23. | Waste stream(s) are transferred off-site for treatment.  If the response to Question VIII.W.23 is "No," go to Question VIII.W.25.   | Yes No           |
|       | 24. | The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment.  If the response to Question VIII.W.24 is "No," go to Question VIII.W.54.  | Yes No           |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 60)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|--|--|------------|
|       | W.   | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)  |            |
|       | 25.  | The total annual benzene quantity from waste at the site is less than $10\mathrm{Mg/yr}$ as determined according to $40\mathrm{CFR}$ § $61.342(a)$ .   | Yes No     |
|       | 26.  | The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b).  If the response to Question VIII.W.26 is "No," go to Question VIII.W.43.                               | ☐ Yes ☐ No |
|       | 27.  | The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control.  If the response to Question VIII.W.27 is "No," go to Question VIII.W.43.                                  | Yes No     |
|       | 28.  | The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s).  If the response to Question VIII.W.28 is "No," go to Question VIII.W.33. | Yes No     |
|       | 29.  | The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.   | Yes No     |
|       | 30.  | The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream.  If the response to Question VIII.W.30 is "No," go to Question VIII.W.43.   | Yes No     |
|       | 31.  | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 61)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |     | 40 Code of Federal Regulations Part 63 - National Emission Standards for rdous Air Pollutants for Source Categories (continued)   |        |
|-------|-----|---|--------|
|       | W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)   |        |
|       | 32. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i> | Yes No |
|       | 33. | The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream.  If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.   | Yes No |
|       | 34. | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.  If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.  | Yes No |
|       | 35. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.  | Yes No |
|       | 36. | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream.  If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.                             | Yes No |
|       | 37. | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.  If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.                                    | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 62)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |        |
|-------|---|---|--------|
|       | W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)                       |        |
|       | 38.   | The application area has individual drain systems complying with 40 CFR § 61.346(a).  If the response to Question VIII.W.38 is "No," go to Question VIII.W.40.                                | Yes No |
|       | 39.   | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.                    | Yes No |
|       | 40.   | The application area has individual drain systems complying with 40 CFR § 61.346(b).  If the response to Question VIII.W.40 is "No," go to Question VIII.W.43.                                | Yes No |
|       | 41.   | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.    | Yes No |
|       | 42.   | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.   | Yes No |
|       | 43.   | The application area has at least one waste stream that contains benzene.  If the response to Question VIII.W.43 is "No," go to Question VIII.W.54.   | Yes No |
|       | 44.   | The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene.  If the response to Question VIII.W.44 is "No," go to Question VIII.W.47. | Yes No |
|       | 45.   | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.  If the response to Question VIII.W.45 is "Yes," go to Question VIII.W.47.  | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 63)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |        |
|-------|---|---|--------|
|       | W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)   |        |
|       | 46.   | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.  | Yes No |
|       | 47.   | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene.  If the response to Question VIII.W.47 is "No," go to Question VIII.W.54. | Yes No |
|       | 48.   | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.  If the response to Question VIII.W.48 is "Yes," go to Question VIII.W.54.      | Yes No |
|       | 49.   | The application area has individual drain systems complying with 40 CFR § 61.346(a).  If the response to Question VIII.W.49 is "No," go to Question VIII.W.51.  | Yes No |
|       | 50.   | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.  | Yes No |
|       | 51.   | The application area has individual drain systems complying with 40 CFR § 61.346(b).  If the response to Question VIII.W.51 is "No," go to Question VIII.W.54.  | Yes No |
|       | 52.   | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.                            | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 64)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)  |            |  |  |
|-----|--|------------|--|--|
| W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)  |            |  |  |
| 53. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.  | Yes No     |  |  |
| 54. | The application area contains a cyanide chemicals manufacturing process.  If the response to Question VIII.W.54 is "No," go to Section VIII.X.   | ☐ Yes ⊠ No |  |  |
| 55. | The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.  | Yes No     |  |  |
| X.  | Subpart JJJ - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group IV Polymers and Resins   |            |  |  |
| 1.  | The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ.  If the response to Question VIII.X.1 is "No," go to Section VIII.Y. | ☐ Yes ⊠ No |  |  |
| 2.  | The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units.  If the response to Question VIII.X.2 is "No," go to Section VIII.Y.                     | Yes No     |  |  |
| 3.  | All process wastewater streams generated or managed in the application area are from sources producing polystyrene.  If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.  | Yes No     |  |  |
| 4.  | All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN.  If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.  | Yes No     |  |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 65)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|---|--|------------|
|       | Х.  | Subpart JJJ - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group IV Polymers and Resins (continued)   |            |
|       | 5.  | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.   | Yes No     |
|       | 6.  | The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.   | Yes No     |
|       | 7.  | The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.  | Yes No     |
|       | 8.  | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.  If the response to Question VIII.X.8 is "Yes," go to Question VIII.X.18.  | Yes No     |
|       | 9.  | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.X.9 is "No," go to Question VIII.X.11.                    | Yes No     |
|       | 10.   | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.  | Yes No     |
|       | 11.   | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | Yes No     |
|       | 12.   | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.  If the responses to Questions VIII.X.11 - VIII.X.12 are both "No," go to Question VIII.X.14.               | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 66)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|--|---|------------|
|       | Χ.   | Subpart JJJ - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group IV Polymers and Resins (continued)  |            |
|       | 13.  | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.   | Yes No     |
|       |  | Containers  |            |
|       | 14.  | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.   | Yes No     |
|       |  | Drains  |            |
|       | 15.  | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.  If the response to Question VIII.X.15 is "No," go to Question VIII.X.18. | Yes No     |
|       | 16.  | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.  | Yes No     |
|       | 17.  | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.   | ☐ Yes ☐ No |
|       | 18.  | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit.  If the response to Question VIII.X.18 is "No," go to Section VIII.Y.                  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 67)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |  |
|------------|------------|----------------------|--|
| 12/19/2024 | O1108      | RN100219856          |  |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |  |  |  |
|-------|---|--|------------|--|--|--|
|       | Х.  | Subpart JJJ - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group IV Polymers and Resins (continued)   |            |  |  |  |
|       |   | Drains (continued)   |            |  |  |  |
|       | 19.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12).  If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.   | ☐ Yes ☐ No |  |  |  |
|       | 20.   | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.  | ☐ Yes ☐ No |  |  |  |
|       | 21.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.  | ☐ Yes ☐ No |  |  |  |
|       | 22.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute | Yes No     |  |  |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 68)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |  |
|------------|------------|----------------------|--|
| 12/19/2024 | O1108      | RN100219856          |  |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII.    |     | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for<br>Hazardous Air Pollutants for Source Categories (continued)   |            |  |  |  |
|----------|-----|--|------------|--|--|--|
|          | Υ.  | Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.   |            |  |  |  |
|          | 1.  | The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.  | ☐ Yes ⊠ No |  |  |  |
|          | Z.  | Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.   |            |  |  |  |
| <b>*</b> | 1.  | The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.  | ☐ Yes ⊠ No |  |  |  |
|          | AA. | Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)  |            |  |  |  |
|          | 1.  | The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).   | ☐ Yes ⊠ No |  |  |  |
|          | 2.  | The application area is located at a plant site that is a major source as defined in FCAA § 112(a).  | ☐ Yes ⊠ No |  |  |  |
|          | 3.  | The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP.  If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB. | ☐ Yes ⊠ No |  |  |  |
|          | 4.  | The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF.  If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.   | Yes No     |  |  |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 69)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |  |
|------------|------------|----------------------|--|
| 12/19/2024 | O1108      | RN100219856          |  |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for<br>Hazardous Air Pollutants for Source Categories (continued) |  |            |  |  |
|-------|--|--|------------|--|--|
|       | AA.  | Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)  |            |  |  |
|       | 5.   | The application area includes process wastewater streams.  If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.   | Yes No     |  |  |
|       | 6.   | The application area includes process wastewater streams, located at existing sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate. | Yes No     |  |  |
|       | 7.   | The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.  | Yes No     |  |  |
|       | 8.   | The application area includes process wastewater streams, located at new sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.      | Yes No     |  |  |
|       | 9.   | The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.   | Yes No     |  |  |
|       | 10.  | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.  If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.   | Yes No     |  |  |
|       | 11.  | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.  If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.  | Yes No     |  |  |
|       | 12.  | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.  | Yes No     |  |  |
|       | 13.  | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.   | ☐ Yes ☐ No |  |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 70)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |  |
|------------|------------|----------------------|--|
| 12/19/2024 | O1108      | RN100219856          |  |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |             | e 40 Code of Federal Regulations Part 63 - National Emission Standards for cardous Air Pollutants for Source Categories (continued)  |            |  |  |  |
|-------|-------------|--|------------|--|--|--|
|       | AA.         | Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)  |            |  |  |  |
|       | 14.         | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.  If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.                            | ☐ Yes ☐ No |  |  |  |
|       | 15.         | Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h).  If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.  | Yes No     |  |  |  |
|       | 16.         | The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.  | Yes No     |  |  |  |
|       | 17.         | Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite.  If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19. | Yes No     |  |  |  |
|       | 18.         | The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.   | Yes No     |  |  |  |
|       | 19.         | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.  | Yes No     |  |  |  |
|       | 20.         | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.  | Yes No     |  |  |  |
|       | 21.         | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.  If the response to Question VIII AA 21 is "No." go to Question VIII AA 24                    | ☐ Yes ☐ No |  |  |  |
|       | 22.         | If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.  The application area includes individual drain systems that are complying with   |            |  |  |  |
|       | <i>LL</i> . | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.   | ∐ Yes ∐ No |  |  |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 71)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |  |
|------------|------------|----------------------|--|
| 12/19/2024 | O1108      | RN100219856          |  |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |  |  |
|-------|---|--|------------|--|--|
|       | AA.   | Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)  |            |  |  |
|       | 23.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.  | Yes No     |  |  |
|       | 24.   | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).  If the response to Question VIII.AA.24 is "No," go to Section VIII.BB.  | ☐ Yes ☐ No |  |  |
|       | 25.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).  If the response to Question VIII.AA.25 is "No," go to Section VIII.BB.   | Yes No     |  |  |
|       | 26.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.  | ☐ Yes ☐ No |  |  |
|       | 27.   | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.   | ☐ Yes ☐ No |  |  |
|       | 28.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy. | Yes No     |  |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 72)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |  |
|------------|------------|----------------------|--|
| 12/19/2024 | O1108      | RN100219856          |  |

| <b>A</b> | Ear COD | applications  | oncition | ONIV | these questions | 1111000 | othomyjco | directed  |
|----------|---------|---------------|----------|------|-----------------|---------|-----------|-----------|
| ▼        | FOR GOP | applications. | answer   | UNLT | these duestions | uniess  | otnerwise | airectea. |

| VIII | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)  |            |  |
|------|--|------------|--|
| ВВ.  | Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.   |            |  |
| 1.   | The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.                                    | ☐ Yes ⊠ No |  |
| CC.  | Subpart GGGGG - National Emission Standards for Hazardous Air<br>Pollutants: Site Remediation  |            |  |
| 1.   | The application area includes a facility at which a site remediation is conducted.  If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.  | ☐ Yes ⊠ No |  |
| 2.   | The application area is located at a site that is a major source of HAP.  If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.  | Yes No     |  |
| 3.   | All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6).  If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.   | Yes No     |  |
| 4.   | All site remediation activities are complete, and the Administrator has been notified in writing.  If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.  | Yes No     |  |
| 5.   | Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.  If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD. | ☐ Yes ☐ No |  |
| 6.   | The site remediation will be completed within 30 consecutive calendar days.  | ☐ Yes ☐ No |  |
| 7.   | No site remediation will exceed 30 consecutive calendar days.  If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.  | Yes No     |  |
| 8.   | Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.   | Yes No     |  |
| 9.   | All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.  If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.   | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 73)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |     | e 40 Code of Federal Regulations Part 63 - National Emission Standards for zardous Air Pollutants for Source Categories (continued)  |        |  |
|-------|-----|--|--------|--|
|       | CC. | Subpart GGGGG - National Emission Standards for Hazardous Air<br>Pollutants: Site Remediation (continued)  |        |  |
|       | 10. | The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).   | Yes No |  |
|       | 11. | The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).  | Yes No |  |
|       | 12. | The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2).  If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14. | Yes No |  |
|       | 13. | The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.  | Yes No |  |
|       | 14. | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.  If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.  | Yes No |  |
|       | 15. | The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).  | Yes No |  |
|       | 16. | The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).  | Yes No |  |
|       | 17. | The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).  | Yes No |  |
|       | 18. | The application area includes containers with a capacity greater than 0.46 m <sup>3</sup> that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).  | Yes No |  |
|       | 19. | The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).  | Yes No |  |
|       | 20. | The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).  | Yes No |  |
|       | 21. | The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.   | Yes No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 74)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |     | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for<br>Hazardous Air Pollutants for Source Categories (continued)  |            |  |
|-------|-----|---|------------|--|
|       | DD. | Subpart YYYYY - National Emission Standards for Hazardous Air<br>Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities   |            |  |
|       | 1.  | The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions.  If the response to Question VIII.DD.1 is "No," go to Section VIII.EE. | ☐ Yes ⊠ No |  |
|       | 2.  | The EAF steelmaking facility is a research and development facility.  If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.  | Yes No     |  |
|       | 3.  | Metallic scrap is utilized in the EAF.  | Yes No     |  |
|       | 4.  | Scrap containing motor vehicle scrap is utilized in the EAF.  | Yes No     |  |
|       | 5.  | Scrap not containing motor vehicle scrap is utilized in the EAF.  | Yes No     |  |
|       | EE. | Subpart BBBBB - National Emission Standards for Hazardous Air<br>Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk<br>Plants and Pipeline Facilities   |            |  |
|       | 1.  | The application area is located at a site that is an area source of HAPs. If the answer to Question EE.1 is "No," go to Section VIII.FF.  | ⊠ Yes □ No |  |
|       | 2.  | The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.  | ☐ Yes ⊠ No |  |
|       | 3.  | The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.  | ☐ Yes ⊠ No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 75)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | . Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|---|--|------------|
|       | EE.   | Subpart BBBBB - National Emission Standards for Hazardous Air<br>Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk<br>Plants and Pipeline Facilities (continued)  |            |
|       | 4.  | The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB.  If the answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.  | ☐ Yes ⊠ No |
|       | 5.  | The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).   | ☐ Yes ☐ No |
|       | 6.  | The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC.  If the answer to Question VIII.EE.6 is "No," go to Section VIII.FF. | ☐ Yes ⊠ No |
|       | 7.  | The bulk gasoline terminal has throughput of less than 250,000 gallons per day.  If the answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.  | Yes No     |
|       | 8.  | The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.  | Yes No     |
|       | 9.  | The bulk gasoline terminal loads gasoline into railcar cargo tanks.  If the answer to Question VIII.EE.9 is "No," go to Section VIII.FF.   | ☐ Yes ☐ No |
|       | 10.   | The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 76)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII.    |        | 40 Code of Federal Regulations Part 63 - National Emission Standards for rdous Air Pollutants for Source Categories (continued)  |            |
|----------|--------|--|------------|
|          | EE.    | Subpart BBBBB - National Emission Standards for Hazardous Air<br>Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk<br>Plants and Pipeline Facilities (continued)  |            |
|          | 11.    | The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.  | Yes No     |
|          | FF.    | Subpart CCCCC - National Emission Standards for Hazardous Air<br>Pollutants for Source Category: Gasoline Dispensing Facilities  |            |
| •        | 1.     | The application area is located at a site that is an area source of hazardous air pollutants.  If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.   | ⊠ Yes □ No |
| <b>*</b> | 2.     | The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132.  If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.  | ⊠ Yes □ No |
| <b>*</b> | 3.     | The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.   | ⊠ Yes □ No |
| •        | 4.     | The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.                                      | ⊠ Yes □ No |
|          | GG.    | Recently Promulgated 40 CFR Part 63 Subparts   |            |
| •        | 1.     | The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form.  If the response to Question VIII.GG.1 is "No," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions. | ⊠ Yes □ No |
| <b>•</b> | 2.     | Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.  |            |
| Subp     | art ZZ | ZZ   | ,          |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page77)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| IX.      |           | Citle 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident<br>Prevention Provisions  |                  |  |
|----------|-----------|---|------------------|--|
|          | Α.        | Applicability   |                  |  |
| <b>*</b> | 1.        | The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.  | ☐ Yes ⊠ No       |  |
|          | Х.        | Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone   |                  |  |
|          | <b>A.</b> | Subpart A - Production and Consumption Controls   |                  |  |
| <b>*</b> | 1.        | The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.   | ☐ Yes ⊠ No ☐ N/A |  |
|          | В.        | Subpart B - Servicing of Motor Vehicle Air Conditioners   |                  |  |
| <b>*</b> | 1.        | Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.                                    | ☐ Yes ⊠ NO       |  |
|          | C.        | Subpart C - Ban on Nonessential Products Containing Class I Substances<br>and Ban on Nonessential Products Containing or Manufactured with Class II<br>Substances                           |                  |  |
| <b>*</b> | 1.        | The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.                  | Yes No N/A       |  |
|          | D.        | Subpart D - Federal Procurement   |                  |  |
| <b>*</b> | 1.        | The application area is owned/operated by a department, agency, or instrumentality of the United States.  | Yes No N/A       |  |
|          | E.        | Subpart E - The Labeling of Products Using Ozone Depleting Substances   |                  |  |
| <b>*</b> | 1.        | The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer. | ☐ Yes ⊠ No ☐ N/A |  |
| <b>*</b> | 2.        | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.  | ☐ Yes ⊠ No ☐ N/A |  |
| <b>♦</b> | 3.        | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.                   | ☐ Yes ⊠ No ☐ N/A |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 78)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| Х.       |      | Fitle 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)   |                  |  |
|----------|------|---|------------------|--|
|          | F.   | Subpart F - Recycling and Emissions Reduction   |                  |  |
| •        | 1.   | Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.  | ⊠ Yes □ No       |  |
| •        | 2.   | Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.   | ☐ Yes ⊠ No ☐ N/A |  |
| <b>*</b> | 3.   | The application area manufactures appliances or refrigerant recycling and recovery equipment.   | Yes No N/A       |  |
|          | G.   | Subpart G - Significant New Alternatives Policy Program   |                  |  |
| •        | 1.   | The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound.  If the response to Question X.G.1 is "No" or "N/A," go to Section X.H. | ☐ Yes ⊠ No ☐ N/A |  |
| <b>*</b> | 2.   | All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).   | Yes No N/A       |  |
|          | н.   | Subpart H -Halon Emissions Reduction  |                  |  |
| <b>*</b> | 1.   | Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.   | Yes No N/A       |  |
| <b>*</b> | 2.   | Disposal of halons or manufacturing of halon blends is conducted in the application area.   | ☐ Yes ⊠ No ☐ N/A |  |
| XI.      | Misc | ellaneous   |                  |  |
|          | A.   | Requirements Reference Tables (RRT) and Flowcharts  |                  |  |
|          | 1.   | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.   | ☐ Yes ⊠ No       |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 79)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| XI.      | Misc | Miscellaneous (continued)   |                  |  |
|----------|------|---|------------------|--|
|          | В.   | Forms   |                  |  |
| <b>*</b> | 1.   | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form.  If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.  | ☐ Yes ⊠ No ☐ N/A |  |
| <b>*</b> | 2.   | Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.  |                  |  |
|          |      |   |                  |  |
|          | C.   | <b>Emission Limitation Certifications</b>   |                  |  |
| <b>*</b> | 1.   | The application area includes units for which federally enforceable emission limitations have been established by certification.  | ☐ Yes ⊠ No       |  |
|          | D.   | Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements   |                  |  |
|          | 1.   | The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).  | ☐ Yes ⊠ No       |  |
|          | 2.   | The application area includes units located at the site that are subject to a site-specific requirement of the SIP.   | ☐ Yes ⊠ No       |  |
|          | 3.   | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator.  If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.       | ☐ Yes ⊠ No       |  |
|          | 4.   | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director.  If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application. | ☐ Yes ⊠ No       |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 80)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| XI. | Misco | Miscellaneous (continued)   |            |  |
|-----|-------|---|------------|--|
|     | E.    | Title IV - Acid Rain Program  |            |  |
|     | 1.    | The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.  | ☐ Yes ⊠ No |  |
|     | 2.    | The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.   | ☐ Yes ⊠ No |  |
|     | 3.    | The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.   | ☐ Yes ⊠ No |  |
|     | F.    | 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR)<br>NO <sub>X</sub> Ozone Season Group 2 Trading Program  |            |  |
|     | 1.    | The application area includes emission units subject to the requirements of the CSAPR NO <sub>X</sub> Ozone Season Group 2 Trading Program.  If the response to Question XI.F.1 is "No," go to Question XI.F.7.                           | ☐ Yes ⊠ No |  |
|     | 2.    | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>X</sub> and heat input.  | Yes No     |  |
|     | 3.    | The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>X</sub> , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.       | Yes No     |  |
|     | 4.    | The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for $NO_X$ , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | Yes No     |  |
|     | 5.    | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR $\S$ 75.19 for NO <sub>X</sub> and heat input.  | Yes No     |  |
|     | 6.    | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO <sub>X</sub> and heat input.  | Yes No     |  |
|     | 7.    | The application area includes emission units that qualify for the CSAPR NO <sub>X</sub> Ozone Season Group 2 retired unit exemption.  | ☐ Yes ⊠ No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 81)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| XI. | Misco | Miscellaneous (continued)  |            |  |
|-----|-------|--|------------|--|
|     | G.    | 40 CFR Part 97, Subpart FFFFF - Texas SO <sub>2</sub> Trading Program  |            |  |
|     | 1.    | The application area includes emission units complying with the requirements of the Texas SO <sub>2</sub> Trading Program.  If the response to Question XI.G.1 is "No," go to Question XI.G.6. | ☐ Yes ⊠ No |  |
|     | 2.    | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO <sub>2</sub> and 40 CFR Part 75, Subpart H for heat input.               | Yes No     |  |
|     | 3.    | The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO <sub>2</sub> and heat input.                     | Yes No     |  |
|     | 4.    | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR $\S$ 75.19 for SO <sub>2</sub> and heat input.           | Yes No     |  |
|     | 5.    | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO <sub>2</sub> and heat input.           | Yes No     |  |
|     | 6.    | The application area includes emission units that qualify for the Texas SO <sub>2</sub> Trading Program retired unit exemption.  | ☐ Yes ⊠ No |  |
|     | H.    | Permit Shield (SOP Applicants Only)  |            |  |
|     | 1.    | A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.                        | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 82)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| XI.      | Misc | Miscellaneous (continued)  |                  |  |
|----------|------|--|------------------|--|
|          | I.   | GOP Type (Complete this section for GOP applications only)   |                  |  |
| <b>*</b> | 1.   | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.  | Yes No           |  |
| •        | 2.   | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.  | Yes No           |  |
| •        | 3.   | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.   | Yes No           |  |
| •        | 4.   | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County. | Yes No           |  |
| <b>*</b> | 5.   | The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.  | Yes No           |  |
|          | J.   | Title 30 TAC Chapter 101, Subchapter H   |                  |  |
| <b>*</b> | 1.   | The application area is located in a nonattainment area.  If the response to Question XI.J.1 is "No," go to Question XI.J.3.   | ☐ Yes ⊠ No       |  |
| <b>*</b> | 2.   | The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.   | Yes No N/A       |  |
| <b>*</b> | 3.   | The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.  | ☐ Yes ⊠ No ☐ N/A |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 83)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| XI.      | Misc | Miscellaneous (continued)  |            |  |
|----------|------|--|------------|--|
|          | J.   | Title 30 TAC Chapter 101, Subchapter H (continued)   |            |  |
| •        | 4.   | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>X</sub> .  If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.  | ☐ Yes ⊠ No |  |
| <b>*</b> | 5.   | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of $NO_X$ and is subject to $101.351(c)$ .   | ☐ Yes ⊠ No |  |
|          | 6.   | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.  | ☐ Yes ⊠ No |  |
| •        | 7.   | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.  | ☐ Yes ⊠ No |  |
| <b>*</b> | 8.   | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program. | ☐ Yes ⊠ No |  |
|          | K.   | Periodic Monitoring  |            |  |
| <b>•</b> | 1.   | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.  If the response to Question XI.K.1 is "Yes," go to Section XI.L.   | ☐ Yes ⊠ No |  |
| <b>*</b> | 2.   | The permit currently contains at least one periodic monitoring requirement. If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.   | ⊠ Yes □ No |  |
| <b>*</b> | 3.   | All periodic monitoring requirements are being removed from the permit with this application.  | ☐ Yes ⊠ No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 84)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| XI.      | Miscellaneous (continued) |   |            |
|----------|---------------------------|---|------------|
|          | L.                        | Compliance Assurance Monitoring   |            |
| •        | 1.                        | The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source.  If the response to Question XI.L.1 is "No," go to Section XI.M. | ⊠ Yes □ No |
| <b>*</b> | 2.                        | The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement.  If the response to Question XI.L.2 is "No," go to Section XI.M.   | ⊠ Yes □ No |
| •        | 3.                        | The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.  | ⊠ Yes □ No |
| <b>*</b> | 4.                        | The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application.  If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.   | ⊠ Yes □ No |
|          | 5.                        | The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.  | ☐ Yes ⊠ No |
|          | 6.                        | Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.  |            |
|          |                           |   |            |
| <b>♦</b> | 7.                        | At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).   | ☐ Yes ⊠ No |
| <b>*</b> | 8.                        | All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).  If the response to Question XI.L.8 is "Yes," go to Section XI.M.  | ☐ Yes ⊠ No |

#### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 85)

## Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

For GOP applications, answer ONLY these questions unless otherwise directed.

| Misc | scellaneous (continued)  |  |  |  |  |  |
|------|--|--|--|--|--|--|
| L.   | Compliance Assurance Monitoring (continued)  |  |  |  |  |  |
| 9.   | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.   | ⊠ Yes □ No   |  |  |  |  |
| 10.  | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.  | ☐ Yes ⊠ No   |  |  |  |  |
| 11.  | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.       | ☐ Yes ⊠ No   |  |  |  |  |
| 12.  | The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.   | ⊠ Yes □ No   |  |  |  |  |
| М.   | Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times  |  |  |  |  |  |
| 1.   | The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004.  If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.                        | ☐ Yes ⊠ No ☐ N/A   |  |  |  |  |
| 2.   | All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.   | Yes No   |  |  |  |  |
| New  | Source Review (NSR) Authorizations   |  |  |  |  |  |
| A.   | Waste Permits with Air Addendum  |  |  |  |  |  |
| 1.   | The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum.  If the response to XII.A.1 is "Yes," include the waste permit numbers and issuance date in Section XII.J. | ☐ Yes ⊠ No   |  |  |  |  |
|      | 10. 11. 12. M. 1. 2. New 3   | <ol> <li>At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.</li> <li>At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.</li> <li>At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.</li> <li>The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.</li> <li>Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times</li> <li>The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.</li> <li>All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.</li> <li>New Source Review (NSR) Authorizations</li> <li>The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum.  If the response to XII.A.1 is "Yes," include the waste permit numbers and</li> </ol> |  |  |  |  |

#### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 86)

## Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

For GOP applications, answer ONLY these questions unless otherwise directed.

| XII.     | New Source Review (NSR) Authorizations (continued) |  |            |  |  |  |  |
|----------|--|--|------------|--|--|--|--|
|          | В.   | Air Quality Standard Permits   |            |  |  |  |  |
| <b>*</b> | 1.   | The application area includes at least one Air Quality Standard Permit NSR authorization.  | ☐ Yes ⊠ No |  |  |  |  |
|          |  | If the response to XII.B.1 is "No," go to Section XII.C. If the response to XII.B.1 is "Yes," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate. |            |  |  |  |  |
| <b>*</b> | 2.   | The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.   | Yes No     |  |  |  |  |
| <b>♦</b> | 3.   | The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.  | ☐ Yes ☐ No |  |  |  |  |
| •        | 4.   | The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.  | Yes No     |  |  |  |  |
| <b>♦</b> | 5.   | The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.  | Yes No     |  |  |  |  |
| <b>*</b> | 6.   | The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.  | Yes No     |  |  |  |  |
| •        | 7.   | The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.                                     | Yes No     |  |  |  |  |
|          | 8.   | The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.   | ☐ Yes ☐ No |  |  |  |  |
|          | 9.   | The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.  | Yes No     |  |  |  |  |
|          | 10.  | The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.  | Yes No     |  |  |  |  |

#### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 87)

## Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

• For GOP applications, answer ONLY these questions unless otherwise directed.

| XII.     | New S | New Source Review (NSR) Authorizations (continued)  |            |  |  |  |  |
|----------|-------|---|------------|--|--|--|--|
|          | В.    | Air Quality Standard Permits (continued)  |            |  |  |  |  |
| <b>*</b> | 11.   | The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.  | Yes No     |  |  |  |  |
| <b>*</b> | 12.   | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization.  If the response to XII.B.12 is "No," go to Question XII.B.15. | Yes No     |  |  |  |  |
| <b>*</b> | 13.   | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.   | Yes No     |  |  |  |  |
| <b>*</b> | 14.   | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.   | Yes No     |  |  |  |  |
| <b>*</b> | 15.   | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.  | Yes No     |  |  |  |  |
| <b>♦</b> | 16.   | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.   | Yes No     |  |  |  |  |
|          | C.    | Flexible Permits  |            |  |  |  |  |
|          | 1.    | The application area includes at least one Flexible Permit NSR authorization.   | ☐ Yes ⊠ No |  |  |  |  |
|          | D.    | Multiple Plant Permits  |            |  |  |  |  |
|          | 1.    | The application area includes at least one Multi-Plant Permit NSR authorization.  | ☐ Yes ⊠ No |  |  |  |  |

#### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 88)

## Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

• For GOP applications, answer ONLY these questions unless otherwise directed.

#### XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

#### E. PSD Permits and PSD Major Pollutants

| Permit No.  | <b>Issuance Date</b> | Pollutant(s):  | Permit No. | <b>Issuance Date</b> | Pollutant(s): |
|-------------|----------------------|--|------------|----------------------|---------------|
| PSDTX31M2   | 08/21/2024           | PM, PM <sub>10</sub> , PM <sub>2.5</sub> ,<br>NOx, CO, SO <sub>2</sub> |            |                      |               |
| PSDTX441M2  | 09/14/2021           | PM, PM <sub>10</sub> , NOx,<br>CO, SO <sub>2</sub>                     |            |                      |               |
| GHGPSDTX235 | 08/21/2024           | GHG  |            |                      |               |
|             |                      |  |            |                      |               |

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site\_experts.html.

#### F. Nonattainment (NA) Permits and NA Major Pollutants

| Permit No. | <b>Issuance Date</b> | Pollutant(s): | Permit No. | <b>Issuance Date</b> | Pollutant(s): |
|------------|----------------------|---------------|------------|----------------------|---------------|
|            |                      |               |            |                      |               |
|            |                      |               |            |                      |               |
|            |                      |               |            |                      |               |
|            |                      |               |            |                      |               |

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: <a href="https://www.tceq.texas.gov/permitting/air/titlev/site/site\_experts.html">www.tceq.texas.gov/permitting/air/titlev/site/site\_experts.html</a>.

#### G. NSR Authorizations with FCAA § 112(g) Requirements

| NSR Permit No. | Issuance Date | NSR Permit No. | <b>Issuance Date</b> | NSR Permit No | Issuance Date |
|----------------|---------------|----------------|----------------------|---------------|---------------|
|                |               |                |                      |               |               |
|                |               |                |                      |               |               |
|                |               |                |                      |               |               |
|                |               |                |                      |               |               |

#### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 89)

## Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

- For SOP applications, answer ALL questions unless otherwise directed.
- For GOP applications, answer ONLY these questions unless otherwise directed.
  - XII. NSR Authorizations (continued) (Attach additional sheets if necessary for sections XII.E-J.)
- ♦ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area

| Authorization No. | <b>Issuance Date</b> | Authorization No. | <b>Issuance Date</b> | Authorization No. | <b>Issuance Date</b> |
|-------------------|----------------------|-------------------|----------------------|-------------------|----------------------|
| 4335A             | 08/21/2024           |                   |                      |                   |                      |
| 8434              | 09/14/2021           |                   |                      |                   |                      |
|                   |                      |                   |                      |                   |                      |
|                   |                      |                   |                      |                   |                      |

#### ♦ I. Permits by Rule (30 TAC Chapter 106) for the Application Area

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

| PBR No. | Version No./Date | PBR No. | Version No./Date | PBR No. | Version No./Date |
|---------|------------------|---------|------------------|---------|------------------|
| 106.263 | 11/01/2001       |         |                  |         |                  |
| 106.454 | 11/01/2001       |         |                  |         |                  |
| 106.472 | 09/04/2000       |         |                  |         |                  |
| 106.511 | 09/04/2000       |         |                  |         |                  |
| 51      | 09/12/1989       |         |                  |         |                  |
| 51      | 07/20/1992       |         |                  |         |                  |
| 53      | 09/12/1989       |         |                  |         |                  |
|         |                  |         |                  |         |                  |

#### ♦ J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum

| Permit No. | <b>Issuance Date</b> | Permit No. | <b>Issuance Date</b> | Permit No. | <b>Issuance Date</b> |
|------------|----------------------|------------|----------------------|------------|----------------------|
|            |                      |            |                      |            |                      |
|            |                      |            |                      |            |                      |
|            |                      |            |                      |            |                      |
|            |                      |            |                      |            |                      |

#### Form OP-REQ2

#### Negative Applicable/Superseded Requirement Determinations Texas Commission on Environmental Quality Federal Operating Permit Program

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

| Unit AI | Revision No. | Unit/Group/Process<br>ID No. | Unit/Group/Process<br>Applicable Form | Potentially<br>Applicable<br>Regulatory<br>Requirement<br>Name | Negative Applicability<br>Citation | Negative Applicability Reason                        |
|---------|--------------|------------------------------|---------------------------------------|--|------------------------------------|--|
| A       | 2            | KILN-4                       | OP-REQ2                               | NSPS HH  | §60.340(a)                         | Vertical lime kilns are not subject to this subpart. |
| A       | 4            | KILN-5                       | OP-REQ2                               | NSPS HH  | §60.340(a)                         | Vertical lime kilns are not subject to this subpart. |
|         |              |                              |                                       |  |                                    |  |
|         |              |                              |                                       |  |                                    |  |
|         |              |                              |                                       |  |                                    |  |

#### Applicable Requirements Summary Form OP-REQ3 (Page 1) Federal Operating Permit Program

**Table 1a: Additions** 

| Date:         | 12/19/2024                         | Regulated Entity No.: | RN100219856        | Permit No.: O1108 |
|---------------|------------------------------------|-----------------------|--------------------|-------------------|
| Company Name: | Lhoist North America of Texas, LLC | Area Name:            | Clifton Lime Plant |                   |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process<br>Applicable Form | SOP/GOP<br>Index No. | Pollutant    | Applicable Regulatory<br>Requirement Name | Applicable Regulatory<br>Requirement Standard(s) |
|--------------|---------------------------|---------------------------------------|----------------------|--------------|---|--|
| 1            | KILN-4                    | OP-UA15                               | R151-1               | PM           | Chapter 111                               | § 111.151(a)<br>§ 111.151(c)                     |
| 3            | KILN-5                    | OP-UA15                               | R151-1               | PM           | Chapter 111                               | § 111.151(a)<br>§ 111.151(c)                     |
| 5, 6, 9-16   | GRPTRANSP                 | OP-UA33                               | 60OOO-0014           | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 3<br>\$60.672(b)             |
| 7            | RC-01                     | OP-UA33                               | 60OO-003             | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 4<br>\$60.672(b)             |
| 7            | RC-01                     | OP-UA33                               | 60OO-004             | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 4<br>\$60.672(b)             |
| 7            | RC-01                     | OP-UA33                               | 60OO-005             | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 4<br>\$60.672(b)             |
| 8            | VS-01                     | OP-UA33                               | 60OO-006             | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 3<br>\$60.672(b)             |
| 8            | VS-01                     | OP-UA33                               | 60OO-007             | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 3<br>\$60.672(b)             |
| 8            | VS-01                     | OP-UA33                               | 60OO-008             | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 3<br>\$60.672(b)             |
|              |                           |                                       |                      |              |   |  |

#### Applicable Requirements Summary Form OP-REQ3 (Page 2) Federal Operating Permit Program

**Table 1b: Additions** 

| Date:     | 12/19/2024 |                                    | Regulated Entity No.: | RN100219856        | Permit No.: O1108 |
|-----------|------------|------------------------------------|-----------------------|--------------------|-------------------|
| Company I | Name:      | Lhoist North America of Texas, LLC | Area Name:            | Clifton Lime Plant |                   |

| Revision<br>No. | Unit/Group/Process | SOP/GOP Index<br>No. | Pollutant    | Monitoring and Testing<br>Requirements   | Recordkeeping Requirements            | Reporting Requirements                                     |
|-----------------|--------------------|----------------------|--------------|--|---------------------------------------|--|
| 1               | KILN-4             | R151-1               | PM           | ** See CAM   | None                                  | None   |
| 3               | KILN-5             | R151-1               | PM           | ** See CAM   | None                                  | None   |
| 5, 6, 9-16      | GRPTRANSP          | 60000-0014           | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g)  | None                                  | \$60.675(g)<br>\$60.676(f), [G](i), (k),<br>[G]\$60.676(g) |
| 7               | RC-01              | 60OO-003             | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g),<br>\$60.674(b)<br>\$60.675(c)(1)(iii)                       | \$60.674(b), (b)(2)<br>\$60.676(b)(1) | §60.675(g)<br>§60.676(f), [G](i), (k)                      |
| 7               | RC-01              | 60OO-004             | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g),<br>\$60.674(b)<br>\$60.675(c)(1)(iii),<br>[G]\$60.674(b)(1) | \$60.674(b), (b)(2)<br>\$60.676(b)(1) | \$60.675(g)<br>\$60.676(f), [G](i), (k)                    |
| 7               | RC-01              | 60OO-005             | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g)  | None                                  | \$60.675(g)<br>\$60.676(f), [G](i), (k)                    |

#### Applicable Requirements Summary Form OP-REQ3 (Page 2) Federal Operating Permit Program

**Table 1b: Additions** 

| Date:   | 12/19/2024 |                                    | Regulated Entity No.: | RN100219856        | Permit No.: O1108 |
|---------|------------|------------------------------------|-----------------------|--------------------|-------------------|
| Company | y Name:    | Lhoist North America of Texas, LLC | Area Name:            | Clifton Lime Plant | •                 |

| Revision<br>No. | Unit/Group/Process | SOP/GOP Index<br>No. | Pollutant    | Monitoring and Testing<br>Requirements   | Recordkeeping Requirements          | Reporting Requirements                                  |
|-----------------|--------------------|----------------------|--------------|--|-------------------------------------|---|
| 8               | VS-01              | 60OOO-006            | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g),<br>\$60.674(b)<br>\$60.675(c)(1)(iii)                       | §60.674(b), (b)(2)<br>§60.676(b)(1) | §60.675(g)<br>§60.676(f), [G](i), (k),<br>[G]§60.676(g) |
| 8               | VS-01              | 60OO-007             | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g),<br>\$60.674(b)<br>\$60.675(c)(1)(iii),<br>[G]\$60.674(b)(1) | §60.674(b), (b)(2)<br>§60.676(b)(1) | §60.675(g)<br>§60.676(f), [G](i), (k),<br>[G]§60.676(g) |
| 8               | VS-01              | 60OOO-008            | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g)  | None                                | §60.675(g)<br>§60.676(f), [G](i), (k),<br>[G]§60.676(g) |
|                 |                    |                      |              |  |                                     |   |

### 7. FORM OP-MON

## Texas Commission on Environmental Quality Monitoring Requirements Form OP-MON (Page 1) Federal Operating Permit Program

Table 1a: CAM/PM Additions

| I. Identifying Information               |                |                      |                |  |  |  |
|--|----------------|----------------------|----------------|--|--|--|
|  |                |                      |                |  |  |  |
| Account No.: BJ0001T                     |                |                      | CN: 605752088  |  |  |  |
| Permit No.: O1108                        |                | Project No.: TBD     |                |  |  |  |
| Area Name: Clifton Lime Plant            |                |                      |                |  |  |  |
| Company Name: Lhoist North America of    | Texas, LLC     |                      |                |  |  |  |
| II. Unit/Emission Point/Group/Proces     | s Informatio   | on                   |                |  |  |  |
| Revision No.: 1                          |                |                      |                |  |  |  |
| Unit/EPN/Group/Process ID No.: KILN-4    |                |                      |                |  |  |  |
| Applicable Form: OP-UA15                 |                |                      |                |  |  |  |
| III. Applicable Regulatory Requirement   | nt             |                      |                |  |  |  |
| Name: 30 TAC Chapter 111                 |                |                      |                |  |  |  |
| SOP/GOP Index No.: R151-1                |                |                      |                |  |  |  |
| Pollutant: PM                            |                |                      |                |  |  |  |
| Main Standard: §111.151(a)               |                |                      |                |  |  |  |
| IV. Title V Monitoring Information       |                |                      |                |  |  |  |
| Monitoring Type: CAM                     |                |                      |                |  |  |  |
| Unit Size: SM                            |                |                      |                |  |  |  |
| CAM/PM Option No.: CAM-FF-002            |                |                      |                |  |  |  |
| Deviation Limit: Minimum Pressure Drop = | : 1 in. H2O, N | Maximum Pressure Dro | p = 10 in. H2O |  |  |  |
| CAM/PM Option No.:                       |                |                      |                |  |  |  |
| Deviation Limit:                         |                |                      |                |  |  |  |
| V. Control Device Information            |                |                      |                |  |  |  |
| Control Device ID No.: K4-0              |                |                      |                |  |  |  |
| Control Device Type: FABFLT              |                |                      |                |  |  |  |

# Texas Commission on Environmental Quality Monitoring Requirements Form OP-MON (Page 1) Federal Operating Permit Program

Table 1a: CAM/PM Additions

| I. Identifyi   | ing Information             | T                    |                            |
|----------------|-----------------------------|----------------------|----------------------------|
| Account No.:   | BJ0001T                     | RN No.: 100219856    | CN: 605752088              |
| Permit No.: O  | 1108                        | Project              | No.: TBD                   |
| Area Name: C   | lifton Lime Plant           |                      |                            |
| Company Nan    | ne: Lhoist North America of | Texas, LLC           |                            |
| II. Unit/Em    | ission Point/Group/Proces   | ss Information       |                            |
| Revision No.:  | 3                           |                      |                            |
| Unit/EPN/Grou  | up/Process ID No.: KILN-5   |                      |                            |
| Applicable For | rm: OP-UA15                 |                      |                            |
| III. Applical  | ble Regulatory Requireme    | ent                  |                            |
| Name: 3        | 30 TAC Chapter 111          |                      |                            |
| SOP/GOP Ind    | ex No.: R151-1              |                      |                            |
| Pollutant: PM  |                             |                      |                            |
| Main Standard  | d: §111.151(a)              |                      |                            |
| IV. Title V N  | Monitoring Information      |                      |                            |
| Monitoring Typ | pe: CAM                     |                      |                            |
| Unit Size: SM  |                             |                      |                            |
| CAM/PM Option  | on No.: CAM-FF-002          |                      |                            |
| Deviation Limi | t: Minimum Pressure Drop =  | = 1 in. H2O, Maximum | Pressure Drop = 10 in. H2O |
| CAM/PM Option  | on No.:                     |                      |                            |
| Deviation Limi | t:                          |                      |                            |
| V. Control     | Device Information          |                      |                            |
| Control Device | ∍ ID No.: K5-0              |                      |                            |
|                |                             |                      |                            |

Control Device Type: FABFLT

#### 8. FORM OP-PBRSUP

#### Texas Commission on Environmental Quality Permit By Rule Supplemental Table (Page 1)

Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area

| Date       | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 12/19/2024 | O1108         | RN100219856             |

| Unit ID No.        | Registration No.  | PBR No.            | Registration Date   |
|--------------------|-------------------|--------------------|---------------------|
| <del>DC 1692</del> | <del>171715</del> | <del>106.144</del> | <del>3/1/2023</del> |
| <del>DC-10A</del>  | <del>171715</del> | <del>106.262</del> | <del>3/1/2023</del> |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |

#### Texas Commission on Environmental Quality Permit By Rule Supplemental Table (Page 2)

Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area

| Date       | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 12/19/2024 | O1108         | RN100219856             |

| Unit ID No. | PBR No. | Version No./Date |
|-------------|---------|------------------|
| TANK-1      | 51      | 9/12/1989        |
| TANK-2      | 51      | 7/20/1992        |
| GASLOAD     | 53      | 9/12/1989        |
| MSSFUG      | 106.263 | 11/1/2001        |
| DEGREASE    | 106.454 | 11/1/2001        |
| OTHLOAD     | 106.472 | 9/4/2000         |
| ENG-1       | 106.511 | 9/4/2000         |
| ENG-2       | 106.511 | 9/4/2000         |
|             |         |                  |
|             |         |                  |
|             |         |                  |
|             |         |                  |
|             |         |                  |
|             |         |                  |
|             |         |                  |

#### Texas Commission on Environmental Quality Permit By Rule Supplemental Table (Page 3)

Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area

| Date       | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 12/19/2024 | O1108         | RN100219856             |

| PBR No. | Version No./Date |
|---------|------------------|
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |

#### Texas Commission on Environmental Quality Permit By Rule Supplemental Table (Page 4)

Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area

| Date       | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 12/19/2024 | O1108         | RN100219856             |

| Unit ID No.        | PBR No.            | Version No./Date or<br>Registration No. | Monitoring Requirement   |
|--------------------|--------------------|---|--|
| <del>DC 1692</del> | <del>106.144</del> | <del>171715</del>                       | Vents are inspected for visible emissions once per quarter.                                  |
| DC 10A             | <del>106.262</del> | <del>171715</del>                       | Vents are inspected for visible emissions once per quarter.                                  |
| TANK-1             | 51                 | 9/12/1989                               | Record material stored in tank. Maintain a copy of SDS on file.                              |
| TANK-2             | 51                 | 7/20/1992                               | Record material stored in tank. Maintain a copy of SDS on file.                              |
| GASLOAD            | 53                 | 9/12/1989                               | Record material stored in tank. Record quantity of material added to tank for each delivery. |
| MSSFUG             | 106.263            | 11/1/2001                               | Record information required by 106.263(g) for all MSS activities authorized by this PBR.     |
| DEGREASE           | 106.454            | 11/1/2001                               | Maintain a copy of solvent SDS on file.  |
| OTHLOAD            | 106.472            | 9/4/2000                                | Record material stored in tank. Maintain a copy of SDS on file.                              |
| ENG-1              | 106.511            | 9/4/2000                                | Facility will monitor operating hours (emergency and non-emergency).                         |
| ENG-2              | 106.511            | 9/4/2000                                | Facility will monitor operating hours (emergency and non-emergency).                         |

#### 9. FORM OP-CRO1

#### Form OP-CRO1 Certification by Responsible Official Federal Operating Permit Program Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

| I. Identifying Information   |  |  |  |
|--|--|--|--|
| RN: 100219856  |  |  |  |
| CN: 605752088  |  |  |  |
| Account No.: BJ-0001-T   |  |  |  |
| Permit No.: O3636  |  |  |  |
| Project No.: TBD   |  |  |  |
| Area Name: Clifton Lime Plant  |  |  |  |
| Company Name: Lhoist North America of Texas, Ll  | _C                                     |  |  |
| II. Certification Type (Please mark appropria  | ate box)                               |  |  |
| X Responsible Official Representative  | Duly Authorized Representative         |  |  |
| III. Submittal Type (Please mark appropriate box) (Only one response can be accepted per form) |  |  |  |
| SOP/TOP Initial Permit Application   | Permit Revision, Renewal, or Reopening |  |  |
| GOP Initial Permit Application   | Update to Permit Application           |  |  |
| Other:   |  |  |  |

#### Form OP-CRO1

#### Certification by Responsible Official Federal Operating Permit Program Texas Commission on Environmental Quality

| IV. Certification of Truth  |  |                         |                               |
|---|--|-------------------------|-------------------------------|
| This certification does not extend to in  | nformation which is des                              | ignated by TCEQ as in   | formation for reference only. |
| I, Sam Wells  | certify that   | I am the Responisible ( | Official (RO)                 |
| (Certifier Name printed   |  |                         | (RO or DAR)                   |
| and that, based on information and belie<br>the time period or on the specific date(s)<br>Note: Enter Either a Time Period or Spe-<br>certification is not valid without docume | below, are true, accurate ecific Date(s) for each ce | e, and complete:        |                               |
| Time Period: From   | tc   | )                       |                               |
|   | (Start Date)   |                         | (End Date)                    |
| Specific Dates: <u>12/19/2024</u>   |  |                         |                               |
| (Date 1)  | (Date 2)   | (Date 3)                | (Date 4)                      |
| (Date 5)  | _  | (Date 6)                |                               |
| Signature: Signed and Submitted in S  | STEERS   | Signature Date:         |                               |
| Plant Manager Title:  |  |                         |                               |

#### 10. PUBLIC INVOLVEMENT PLAN FORM



#### Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

| Section 1. Preliminary Screening   |
|--|
| New Permit or Registration Application  New Activity - modification, registration, amendment, facility, etc. (see instructions)  |
| If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.   |
|  |
| Section 2. Secondary Screening   |
| Requires public notice,  |
| Considered to have significant public interest, <u>and</u>   |
| Located within any of the following geographical locations:  |
| <ul> <li>Austin</li> <li>Dallas</li> <li>Fort Worth</li> <li>Houston</li> <li>San Antonio</li> <li>West Texas</li> <li>Texas Panhandle</li> <li>Along the Texas/Mexico Border</li> <li>Other geographical locations should be decided on a case-by-case basis</li> </ul> |
| If all the above boxes are not checked, a Public Involvement Plan is not necessary.  Stop after Section 2 and submit the form.   |
| Public Involvement Plan not applicable to this application. Provide <b>brief</b> explanation.  |
| The application area is not located within one of the specified geographical locations.  |

TCEQ-20960 (02-09-2023)

| Section 3. Application Information   |
|--|
| Type of Application (check all that apply):  Air   |
| Texas Pollutant Discharge Elimination System (TPDES)   |
| Texas Land Application Permit (TLAP)   |
| State Only Concentrated Animal Feeding Operation (CAFO)  |
| Water Treatment Plant Residuals Disposal Permit  |
| Class B Biosolids Land Application Permit  |
| Domestic Septage Land Application Registration   |
| Water Rights New Permit  New Appropriation of Water  New or existing reservoir  Amendment to an Existing Water Right  Add a New Appropriation of Water  Add a New or Existing Reservoir  Major Amendment that could affect other water rights or the environment |
|  |
| Section 4. Plain Language Summary  Provide a brief description of planned activities.  |
|  |

| Section 5. Community and Demographic Information  |
|---|
| Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.                                   |
| Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information. |
| language notice is necessary. Freuse provide the ronowing information.  |
| (City)  |
| (County)  |
|   |
| (Census Tract) Please indicate which of these three is the level used for gathering the following information.  City  Census Tract                                    |
| (a) Percent of people over 25 years of age who at least graduated from high school  |
|   |
| (b) Per capita income for population near the specified location  |
| (c) Percent of minority population and percent of population by race within the specified location  |
|   |
| (d) Percent of Linguistically Isolated Households by language within the specified location   |
|   |
| (e) Languages commonly spoken in area by percentage   |
|   |
| (f) Community and/or Stakeholder Groups   |
|   |
| (g) Historic public interest or involvement   |
|   |
|   |

| Section 6. Planned Public Outreach Activities   |
|---|
| (a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?  Yes No   |
| (b) If yes, do you intend at this time to provide public outreach other than what is required by rule?  Yes No  If Yes, please describe.  |
| If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.  |
| (c) Will you provide notice of this application in alternative languages?   |
| Yes No  |
| Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language. |
| If yes, how will you provide notice in alternative languages?   |
| Publish in alternative language newspaper   |
| Posted on Commissioner's Integrated Database Website  |
| Mailed by TCEQ's Office of the Chief Clerk  |
| Other (specify)   |
| (d) Is there an opportunity for some type of public meeting, including after notice?  |
| Yes No  |
| (e) If a public meeting is held, will a translator be provided if requested?  |
| Yes No  (f) Hard copies of the application will be available at the following (check all that apply):   |
| (f) Hard copies of the application will be available at the following (check all that apply):  TCEQ Regional Office  TCEQ Central Office  |
| Public Place (specify)  |
| Tubile Frace (specify)  |
| Section 7. Voluntary Submittal  |
| For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.   |
| Will you provide notice of this application, including notice in alternative languages?   |
| Yes No What types of notice will be provided?   |
|   |
| Publish in alternative language newspaper  Posted on Commissioner's Integrated Database Website   |
| Posted on Commissioner's Integrated Database Website  Mailed by TCFO's Office of the Chief Clerk  |
| Mailed by TCEQ's Office of the Chief Clerk  Other (specify)   |
| outer (opecity)   |
|   |

TCEQ-20960 (02-09-2023) Page 4 of 4

#### **Steven Piper**

**From:** eNotice TCEQ

Sent: Friday, December 20, 2024 7:05 PM

**To:** brian.birdwell@senate.texas.gov; angelia.orr@house.texas.gov

**Subject:** TCEQ Notice - Permit Number O1108 **Attachments:** TCEQ Notice - O1108\_37518.pdf

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at <a href="http://www.tceq.state.tx.us/help/policies/electronic info-policy.html">http://www.tceq.state.tx.us/help/policies/electronic info-policy.html</a>.

Questions regarding this email may be submitted either by replying directly to this email or by calling Mr. Jesse Chacon, P.E. with the Air Permits Division at (512) 239-5759.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (<a href="http://get.adobe.com/reader">http://get.adobe.com/reader</a>) to download the free Adobe Acrobat Reader software.

Jon Niermann, *Chairman*Bobby Janecka, *Commissioner*Catarina R. Gonzales, *Commissioner*Kelly Keel, *Executive Director* 



#### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 20, 2024

THE HONORABLE BRIAN BIRDWELL TEXAS SENATE PO BOX 12068 AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Significant Revision Application

Project Number: 37518 Permit Number: O1108

Lhoist North America of Texas, LLC

Clifton Lime Plant Clifton, Bosque County

Regulated Entity Number: RN100219856 Customer Reference Number: CN605752088

#### Dear Senator Birdwell:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) significant revision application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=97.585555,31.712222&level=13.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site. The FOP identifies and codifies air emission requirements (known as applicable requirements) that apply to the emission units at the site. The FOP does not authorize construction of emission units or emissions from those units. The New Source Review (NSR) permit is the mechanism for these authorizations.

The Honorable Brian Birdwell Page 2 December 20, 2024

Re: Accepted Federal Operating Permit Significant Revision Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

Samuel Short, Deputy Director

Air Permits Division

Office of Air

Texas Commission on Environmental Quality

Jon Niermann, *Chairman*Bobby Janecka, *Commissioner*Catarina R. Gonzales, *Commissioner*Kelly Keel, *Executive Director* 



#### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 20, 2024

THE HONORABLE ANGELIA ORR TEXAS HOUSE OF REPRESENTATIVES PO BOX 2910 AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Significant Revision Application

Project Number: 37518 Permit Number: O1108

Lhoist North America of Texas, LLC

Clifton Lime Plant Clifton, Bosque County

Regulated Entity Number: RN100219856 Customer Reference Number: CN605752088

#### Dear Representative Orr:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) significant revision application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.585555,31.712222&level=13.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

Samuel Short, Deputy Director Air Permits Division Office of Air

Texas Commission on Environmental Quality

#### **Texas Commission on Environmental Quality**

Title V Existing 1108

#### Site Information (Regulated Entity)

What is the name of the permit area to be authorized?

CLIFTON LIME PLANT

County BOSQUE
Latitude (N) (##.#####) 31.712222
Longitude (W) (-###.######) 97.585555

Primary SIC Code 3274

Secondary SIC Code

Primary NAICS Code 32741

Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)? RN100219856

What is the name of the Regulated Entity (RE)?

LHOIST NORTH AMERICA CLIFTON LIME PLANT

Does the RE site have a physical address?

Physical Address

Number and Street 2861 FM 2602
City CLIFTON

 State
 TX

 ZIP
 76634

 County
 BOSQUE

 Latitude (N) (##.#####)
 31.708333

 Longitude (W) (-###.######)
 -97.597222

Facility NAICS Code

What is the primary business of this entity?

#### Customer (Applicant) Information

How is this applicant associated with this site?

What is the applicant's Customer Number (CN)?

CN605752088

Type of Customer Corporation

Full legal name of the applicant:

Legal Name Lhoist North America Of Texas, LLC

Texas SOS Filing Number 803511889

Federal Tax ID

State Franchise Tax ID 17524058108

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees 251-500
Independently Owned and Operated? Yes

#### Responsible Official Contact

Person TCEQ should contact for questions about this

application:

Organization Name LHOIST NORTH AMERICA OF TEXAS LLC

Prefix MR First SAM

Middle

Last WELLS

Suffix

Credentials

Title PLANT MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) PO BOX 473

Routing (such as Mail Code, Dept., or Attn:)

City

State TX ZIP 76634

Phone (###-###) 2546758660

Extension

Alternate Phone (###-###-)

Fax (###-###-###)

E-mail SAM.WELLS@LHOIST.COM

#### **Technical Contact**

Person TCEQ should contact for questions about this application: Select existing TC contact or enter a new contact. ALEX MONTES(LHOIST NORTH AM...) **Organization Name** LHOIST NORTH AMERICA OF TEXAS LLC Prefix MR **ALEX** First Middle Last **MONTES** Suffix Credentials Title ENVIRONMENTAL/QUALITY/SHIPPING MANAGER Enter new address or copy one from list: Mailing Address Address Type Domestic Mailing Address (include Suite or Bldg. here, if applicable) PO BOX 473 Routing (such as Mail Code, Dept., or Attn:) City CLIFTON TX State ZIP 76634 Phone (###-###-###) 2546751501 Extension Alternate Phone (###-###-) Fax (###-###-###) E-mail alex.montes@lhoist.com Title V General Information - Existing SOP 1) Permit Type:

2) Permit Latitude Coordinate: 31 Deg 42 Min 44 Sec

3) Permit Longitude Coordinate: 97 Deg 35 Min 8 Sec

4) Is this submittal a new application or an update to an **New Application** 

4.1. What type of permitting action are you applying for? Significant Revision

4.1.1. Are there any permits that should be voided upon No issuance of this permit application through permit conversion?

4.1.2. Are there any permits that should be voided upon No

issuance of this permit application through permit

consolidation?

existing application?

#### Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

[File Properties]

File Name

<a href=/ePermitsExternal/faces/file?fileId=231121>OP\_2\_As Sub Clifton Title V K4K5 Revision\_2024-1219.pdf</a>

Hash

1ADEFA4A0A0CCA2FDFB34A7685A5F323256B2A4FFDF19278AC0162AE82851B89

MIME-Type application/pdf

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

<a href=/ePermitsExternal/faces/file?fileId=231162>As Sub Clifton Title V K4K5 Revision 2024-1220.pdf</a>

MIME-Type

application/pdf

An additional space to attach any other necessary information needed to complete the permit.

#### Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?

No

#### Certification

I certify that I am the Responsible Official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

- 1. I am Sam B Wells, the owner of the STEERS account ER032732.
- 2. I have the authority to sign this data on behalf of the applicant named above.
- 3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Title V Existing 1108.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

#### OWNER OPERATOR Signature: Sam B Wells OWNER OPERATOR

Account Number: ER032732

Signature IP Address: 165.225.33.103

Signature Date: 2024-12-20

Signature Hash: 550594FBC625ABFB793BD6646C76D63D66C4574410297A5D0F929C7F4432EFBF

Form Hash Code at time of Signature: 26916BB4F49D43059E209A9F8E8275BDF8AC6E90B89C61163019BC6151D3A85E

#### Submission

Reference Number: The application reference number is 733068
Submitted by: The application was submitted by ER032732/Sam B Wells

Submitted Timestamp: The application was submitted on 2024-12-20 at 09:10:21

CST

Submitted From: The application was submitted from IP address

165.225.33.103

Confirmation Number: The confirmation number is 603997

Steers Version: The STEERS version is 6.84
Permit Number: The permit number is 1108

#### **Additional Information**

Application Creator: This account was created by Miranda Cheatham



December 20, 2024

Air Permits Initial Review Team (APIRT), MC-161 Texas Commission on Environmental Quality 12100 Park 35 Circle Austin, TX 78753

Phone: (512) 239-1250

Submitted via STEERS

Re:

Lhoist North America of Texas, LLC

Clifton Lime Plant

Site Operating Permit (SOP) No. O1108 Significant Revision

Clifton, Bosque County

Air Quality Account ID No. BJ-0001-T Regulated Entity No. RN100219856 Customer Reference No. CN605752088

Attn: APIRT

On behalf of Lhoist North America of Texas, LLC (LNA), I am submitting this significant revision application for the above-referenced permit. The primary purpose of this application is to incorporate two new lime kilns, Kilns 4 and 5. Construction of these kilns was recently authorized by Permit No. 4335A, GHGPSDTX235, and PSDTX31M2. The attached Form OP-2 details the revisions included with this application.

Enclosed are the required application forms. Please note the Major NSR Summary Table will also be revised and will be provided via electronic mail to the permit reviewer upon request, per TCEQ's guidance.

If you have any questions concerning this application, please contact me at <a href="Marilyn.Bruton@lhoist.com">Marilyn.Bruton@lhoist.com</a> or Ms. Miranda Cheatham at <a href="Miranda.Cheatham@trinityconsultants.com">Miranda.Cheatham@trinityconsultants.com</a>.

Sincerely,

Lhoist North America of Texas, LLC

Marilyn Bruton

Regional Environmental Manager

MB/av

**Attachments** 

#### **SITE OPERATING PERMIT NO. 01108**

**Significant Revision Application** 

#### Lhoist North America of Texas, LLC Clifton Lime Plant

#### **Prepared By:**

Miranda L. Cheatham, P.E. - Principal Consultant

#### TRINITY CONSULTANTS

9327 Great Hills Trl, Ste 240 Austin, TX 78759

Project 244404.0660



#### **TABLE OF CONTENTS**

| EXECUTIVE SUMMARY                |      |
|----------------------------------|------|
| 1. FORM OP-2                     | 1-1  |
| 2. FORM OP-SUMR                  | 2-1  |
| 3. UNIT ATTRIBUTE FORMS          | 3-1  |
| 4. FORM OP-REQ1                  | 4-1  |
| 5. FORM OP-REQ2                  | 5-1  |
| 6. FORM OP-REQ3                  | 6-1  |
| 7. FORM OP-MON                   | 7-1  |
| 8. FORM OP-PBRSUP                | 8-1  |
| 9. FORM OP-CRO1                  | 9-1  |
| 10. PUBLIC INVOLVEMENT PLAN FORM | 10-1 |

#### **EXECUTIVE SUMMARY**

The Clifton Lime Plant is a lime production facility, and the primary emission sources currently in operation at the plant are three lime kilns. Kilns 1 and 2 are authorized by Permit No. 4335A, GHGPSDTX235, and PSDTX31M2 (hereafter referred to as Permit No. 4335A). Kiln 3 is authorized by Permit No. 8434 and PSDTX441M2 (hereafter referred to as Permit No. 8434).

On August 21, 2024, Permit No. 4335A was amended to authorize construction of two new lime kilns, Kilns 4 and 5. The primary purpose of this revision application is to incorporate the two new lime kilns and related facilities. The August 21, 2024 application stated:

The Clifton Lime Plant is currently an area source of HAPs. Upon startup of new Kilns 4 and/or 5, the site-wide potential emissions of HCl will exceed 10 tons/yr. The Clifton Lime Plant will therefore become a major source of HAPs and will become subject to MACT Subparts A and AAAAA (the Lime Manufacturing MACT).

LNA has subsequently conducted additional engineering testing of Clifton Kilns 1, 2, and 3, as well as kilns at their other lime manufacturing plants. This testing indicates current HCl emission limits for the Clifton kilns are conservatively high, and that actual site-wide HCl emissions will remain below 10 tons/yr, even after startup of Kilns 4 and 5.

Authorized HCl emissions for the kilns currently in operation (Kilns 1, 2 and 3) are below 10 tons/yr. Kilns 4 and 5 have not yet started operating. Therefore, site-wide potential to emit has not yet triggered major source status.

LNA also recently submitted an application to alter Permit No. 4335A to create emission caps for hydrogen chloride (HCl) and total hazardous air pollutants (HAPs) to establish the site as an area source of HAPs. This revision application reflects the site's status as an area source of HAPs.

#### 1. **FORM OP-2**

#### **Texas Commission on Environmental Quality**

| Date:                    | 12/19/2024  |       |      |  |  |  |
|--------------------------|---|-------|------|--|--|--|
| Permit No.:              | O1108   |       |      |  |  |  |
| Regulated Entity No.:    | RN100219856   |       |      |  |  |  |
| Company Name:            | Lhoist North America of Texas, LLC  |       |      |  |  |  |
| For Submissions to EPA   | A   |       |      |  |  |  |
| Has a copy of this appli | cation been submitted (or is being submitted) to EPA?                               | ✓ Yes | □ No |  |  |  |
| I. Application Type      |   |       |      |  |  |  |
| Indicate the type of app | lication:   |       |      |  |  |  |
| ☐ Renewal                |   |       |      |  |  |  |
| Streamlined Revision     | n (Must include provisional terms and conditions as explained in the instructions.) |       |      |  |  |  |
| ☑ Significant Revision   |   |       |      |  |  |  |
| ☐ Revision Requesting    | Prior Approval  |       |      |  |  |  |
| ☐ Administrative Revis   | sion  |       |      |  |  |  |
| ☐ Response to Reopening  |   |       |      |  |  |  |
| II. Qualification State  | ement   |       |      |  |  |  |
| For SOP Revisions Onl    | y   | ✓ Yes | □ No |  |  |  |
| For GOP Revisions Onl    | y   | □ Yes | □ No |  |  |  |

#### **Texas Commission on Environmental Quality**

| III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)                |   |                              |                            |      |      |       |  |  |
|---|---|------------------------------|----------------------------|------|------|-------|--|--|
| Indicate all pollutan   | Indicate all pollutants for which the site is a major source based on the site's potential to emit:                       |                              |                            |      |      |       |  |  |
| (Check the appropr  | iate box[es].)  |                              |                            |      |      |       |  |  |
| □ VOC   | ☑ NOx   | $lacksquare$ $\mathrm{SO}_2$ | $\square$ PM <sub>10</sub> | ☑ CO | □ Pb | □ НАР |  |  |
| Other:  |   |                              |                            |      |      |       |  |  |
| IV. References Or   | nly Requirements (For   | reference only)              |                            |      |      |       |  |  |
| Has the applicant pa  | Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?  ☐ Yes ☐ No ☐ N/A |                              |                            |      |      |       |  |  |
| V. Delinquent Fees and Penalties  |   |                              |                            |      |      |       |  |  |
| Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf |   |                              |                            |      |      |       |  |  |
| of the TCEQ are par   | id in accordance with th  | ne Delinquent Fee and        | penalty protocol.          |      |      |       |  |  |

#### **Texas Commission on Environmental Quality**

| Date:                 | 12/19/2024                         |
|-----------------------|------------------------------------|
| Permit No.:           | O1108                              |
| Regulated Entity No.: | RN100219856                        |
| Company Name:         | Lhoist North America of Texas, LLC |

Using the table below, provide a description of the revision.

|              |               |          | Unit/Group Process |                        |                   |  |
|--------------|---------------|----------|--------------------|------------------------|-------------------|--|
|              |               |          |                    | 1                      | NSR               | Description of Change and Provisional  |
| Revision No. | Revision Code | New Unit | ID No.             | <b>Applicable Form</b> | Authorization     | Terms and Conditions                   |
|              |               |          |                    |                        |                   | Add unit to permit. Project emissions  |
|              |               |          |                    |                        | 4335A, PSDTX31M2, | increase triggered PSD review (Title I |
| 1            | SIG-D         | YES      | KILN-4             | OP-UA15                | GHGPSDTX235       | modification).                         |
|              |               |          |                    |                        |                   | Add unit to permit. Project emissions  |
|              |               |          |                    |                        | 4335A, PSDTX31M2, | increase triggered PSD review (Title I |
| 2            | SIG-D         | YES      | KILN-4             | OP-REQ2                | GHGPSDTX235       | modification).                         |
|              |               |          |                    |                        |                   | Add unit to permit. Project emissions  |
|              |               |          |                    |                        | 4335A, PSDTX31M2, | increase triggered PSD review (Title I |
| 3            | SIG-D         | YES      | KILN-5             | OP-UA15                | GHGPSDTX235       | modification).                         |
|              |               |          |                    |                        |                   | Add unit to permit. Project emissions  |
|              |               |          |                    |                        | 4335A, PSDTX31M2, | increase triggered PSD review (Title I |
| 4            | SIG-D         | YES      | KILN-5             | OP-REQ2                | GHGPSDTX235       | modification).                         |
|              |               |          |                    |                        |                   | Add unit to permit. Project emissions  |
|              |               |          |                    |                        |                   | increase triggered PSD review (Title I |
| 5            | SIG-D         | YES      | BC-01              | OP-UA33                | 4335A, PSDTX31M2  |  |
|              |               | _        |                    |                        |                   | Add unit to permit. Project emissions  |
|              |               |          |                    |                        |                   | increase triggered PSD review (Title I |
| 6            | SIG-D         | YES      | BC-02              | OP-UA33                | 4335A, PSDTX31M2  | modification).                         |

|    |       |       |        |           | 1                    | Add unit to permit. Project emissions     |
|----|-------|-------|--------|-----------|----------------------|---|
|    |       |       |        |           |                      |   |
| _  | ara p | TITIC | D C 01 | 00.111.00 | 1005 1 DGD #XX211 10 | increase triggered PSD review (Title I    |
| 7  | SIG-D | YES   | RC-01  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 8  | SIG-D | YES   | VS-01  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 9  | SIG-D | YES   | BC-06  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 10 | SIG-D | YES   | BC-07  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 11 | SIG-D | YES   | BC-08  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 12 | SIG-D | YES   | BC-09  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 13 | SIG-D | YES   | BC-11  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 14 | SIG-D | YES   | BC-12  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 15 | SIG-D | YES   | BC-13  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    |       |       |        |           |                      | Add unit to permit. Project emissions     |
|    |       |       |        |           |                      | increase triggered PSD review (Title I    |
| 16 | SIG-D | YES   | BC-14  | OP-UA33   | 4335A, PSDTX31M2     | modification).                            |
|    | 5 —   | - 22  |        |           | , 3=                 | Document NSPS OOO non-applicability       |
|    |       |       |        |           |                      | for unit. Production increase was         |
|    |       |       |        |           |                      | accomplished without capital expenditure. |
|    |       |       |        |           |                      |   |
| 15 | arc p | NO    | 1202   | OD 111 22 | 1005 1 DODENIO 13 50 | Project emissions increase triggered PSD  |
| 17 | SIG-D | NO    | 1303   | OP-UA33   | 4335A, PSDTX31M2     | review (Title I modification).            |

| 1  |       |    | 1      |         | 1                |   |
|----|-------|----|--------|---------|------------------|---|
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 18 | SIG-D | NO | 1308   | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 19 | SIG-D | NO | 1307-1 | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 20 | SIG-D | NO | 1307-2 | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 21 | SIG-D | NO | 303    | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 22 | SIG-D | NO | 304    | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 23 | SIG-D | NO | 1318   | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |        |         |                  | Document NSPS OOO non-applicability       |
|    |       |    |        |         |                  | for unit. Production increase was         |
|    |       |    |        |         |                  | accomplished without capital expenditure. |
|    |       |    |        |         |                  | Project emissions increase triggered PSD  |
| 24 | SIG-D | NO | 1312   | OP-UA33 | 4335A, PSDTX31M2 | review (Title I modification).            |

|    |       |    |      |           |                  | Document NSPS OOO non-applicability       |
|----|-------|----|------|-----------|------------------|---|
|    |       |    |      |           |                  | for unit. Production increase was         |
|    |       |    |      |           |                  | accomplished without capital expenditure. |
|    |       |    |      |           |                  | Project emissions increase triggered PSD  |
| 25 | SIG-D | NO | 1310 | OP-UA33   | 4335A, PSDTX31M2 | review (Title I modification).            |
|    |       |    |      |           |                  | Remove PBR 106.144 and 106.262 from       |
|    |       |    |      |           |                  | the NSR authorizations list. These PBRs   |
| 26 | MS-C  | NO | N/A  | OP-REQ1   | 4335A, PSDTX31M2 | were consolidated into NSR Permit 4335A.  |
|    |       |    |      |           |                  | Revise Form OP-PBRSUP to remove PBR       |
|    |       |    |      |           |                  | 171715. This PBR registration was         |
| 27 | MS-C  | NO | N/A  | OP-PBRSUP | 4335A, PSDTX31M2 | consolidated into NSR Permit 4335A.       |
|    |       |    |      |           |                  |   |
|    |       |    |      |           |                  |   |
|    |       |    |      |           |                  |   |
|    |       |    |      |           |                  |   |

#### **Texas Commission on Environmental Quality**

| Date:   | 12/19/2024  |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|
| Permit No.:   | O1108   |  |  |  |  |  |  |  |  |
| Regulated Entity No.:   | RN100219856   |  |  |  |  |  |  |  |  |
| Company Name:   | Lhoist North America of Texas, LLC  |  |  |  |  |  |  |  |  |
| I. Significant Revision (Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.) |   |  |  |  |  |  |  |  |  |
| A. Is the site subject to   | A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? ☐ Yes ☑ No |  |  |  |  |  |  |  |  |
| B. Indicated the alternate languages(s) in which public notice is required:   |   |  |  |  |  |  |  |  |  |
| C. Will there be a chang  | ge in air pollutant emissions as a result of the significant revision?                    |  |  |  |  |  |  |  |  |

#### **Texas Commission on Environmental Quality**

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

| Pollutant  | Description of the Change in Pollutant Emissions            |
|--|---|
| Particulate Matter, Including PM <sub>10</sub> and PM <sub>2.5</sub> | Project emissions increase of approximately 92 tons/yr      |
| Nitrogen Oxides  | Project emissions increase of approximately 102 tons/yr     |
| Carbon Monoxide  | Project emissions increase of approximately 190 tons/yr     |
| Sulfur Dioxide   | Project emissions increase of approximately 15 tons/yr      |
| Volatile Organic Compounds   | Project emissions increase of approximately 6 tons/yr       |
| Hydrogen Chloride  | Project emissions increase of less than 10 tons/yr          |
| Greenhouse Gas (GHG) CO <sub>2</sub> -Equivalents                    | Project emissions increase of approximately 650,000 tons/yr |
|  |   |
|  |   |
|  |   |

#### 2. FORM OP-SUMR

#### Texas Commission on Environmental Quality Federal Operating Permit Program Individual Unit Summary for Revisions Form OP-SUMR

Table 1

| Date       | Permit No. | Regulated Entity No. |  |
|------------|------------|----------------------|--|
| 12/19/2024 | O1108      | RN100219856          |  |

| Unit/Process AI | Unit/Process<br>Revision No. | Unit/Process ID No. | Unit/Process<br>Applicable<br>Form | Unit/Process Name/<br>Description | Unit/Process<br>CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction<br>Authorizations Title I |
|-----------------|------------------------------|---------------------|------------------------------------|-----------------------------------|---------------------|---|---|
| A               | 1                            | KILN-4              | OP-UA15                            | Kiln 4                            | Y                   | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |
| A               | 2                            | KILN-4              | OP-REQ2                            | Kiln 4                            |                     | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |
| A               | 3                            | KILN-5              | OP-UA15                            | Kiln 5                            | Y                   | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |
| A               | 4                            | KILN-5              | OP-REQ2                            | Kiln 5                            |                     | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |
| A               | 5                            | BC-01               | OP-UA33                            | Belt Conveyor 01                  |                     | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |
| A               | 6                            | BC-02               | OP-UA33                            | Belt Conveyor 02                  |                     | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |
| A               | 7                            | RC-01               | OP-UA33                            | Roll Crusher 01                   |                     | 4335A   | PSDTX31M2,<br>GHGPSDTX235                 |

| A | 8  | VS-01  | OP-UA33 | Vibrating Screen 01 | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
|---|----|--------|---------|---------------------|-------|---------------------------|
| A | 9  | BC-06  | OP-UA33 | Belt Conveyor 06    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 10 | BC-07  | OP-UA33 | Belt Conveyor 07    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 11 | BC-08  | OP-UA33 | Belt Conveyor 08    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 12 | BC-09  | OP-UA33 | Belt Conveyor 09    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 13 | BC-11  | OP-UA33 | Belt Conveyor 11    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 14 | BC-12  | OP-UA33 | Belt Conveyor 12    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 15 | BC-13  | OP-UA33 | Belt Conveyor 13    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 16 | BC-14  | OP-UA33 | Belt Conveyor 14    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 17 | 1303   | OP-UA33 | Primary Crusher     | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 18 | 1308   | OP-UA33 | Belt to 200 Ton Bin | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 19 | 1307-1 | OP-UA33 | Primary Screening   | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 20 | 1307-2 | OP-UA33 | Primary Screening   | 4335A | PSDTX31M2,<br>GHGPSDTX235 |

| A | 21 | 303  | OP-UA33 | 24" Belt to Big Rock<br>Pile    | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
|---|----|------|---------|---------------------------------|-------|---------------------------|
| A | 22 | 304  | OP-UA33 | Pea Gravel Belt                 | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 23 | 1318 | OP-UA33 | Radial Stacker Belt<br>Conveyor | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 24 | 1312 | OP-UA33 | 200 Ton Bin                     | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
| A | 25 | 1310 | OP-UA33 | Belt to -1/4" Pile              | 4335A | PSDTX31M2,<br>GHGPSDTX235 |
|   |    |      |         |                                 |       |                           |
|   |    |      |         |                                 |       |                           |
|   |    |      |         |                                 |       |                           |

# Texas Commission on Environmental Quality Federal Operating Permit Program Individual Unit Summary for Revisions Form OP-SUMR

Table 2

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

| Revision No. | ID No. | Applicable Form | Group AI | Group ID No. |
|--------------|--------|-----------------|----------|--------------|
| 5            | BC-01  | OP-UA33         | A        | GRPTRANSP    |
| 6            | BC-02  | OP-UA33         | A        | GRPTRANSP    |
| 9            | BC-06  | OP-UA33         | A        | GRPTRANSP    |
| 10           | BC-07  | OP-UA33         | A        | GRPTRANSP    |
| 11           | BC-08  | OP-UA33         | A        | GRPTRANSP    |
| 12           | BC-09  | OP-UA33         | A        | GRPTRANSP    |
| 13           | BC-11  | OP-UA33         | A        | GRPTRANSP    |
| 14           | BC-12  | OP-UA33         | A        | GRPTRANSP    |
| 15           | BC-13  | OP-UA33         | A        | GRPTRANSP    |
| 16           | BC-14  | OP-UA33         | A        | GRPTRANSP    |
|              |        |                 |          |              |
|              |        |                 |          |              |
|              |        |                 |          |              |
|              |        |                 |          |              |

#### 3. UNIT ATTRIBUTE FORMS

OP-UA15 OP-UA33

#### Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Unit Attributes Form OP-UA15 (Page 40)

#### **Federal Operating Permit Program**

# Table 15: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111) Subchapter A, Division 5: Emission Limits on Nonagricultural Processes Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | 01108      | RN100219856          |

| Emission Point ID No. | SOP Index No. | Effective Stack Height |
|-----------------------|---------------|------------------------|
| KILN-4                | R151-1        | NO                     |
| KILN-5                | R151-1        | NO                     |
|                       |               |                        |
|                       |               |                        |
|                       |               |                        |
|                       |               |                        |
|                       |               |                        |
|                       |               |                        |

#### Texas Commission on Environmental Quality Mineral Processing Plant Attributes Form OP-UA33 (Page 2)

#### **Federal Operating Permit Program**

Table 2a: Title 40 Code of Federal Regulations (40 CFR Part 60)

**Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants** 

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

| Unit ID No. | SOP Index No. | Construction/<br>Modification Date | Subpart Applicability | Facility Type | Replacement Type |
|-------------|---------------|------------------------------------|-----------------------|---------------|------------------|
| GRPTRANSP   | 60OOO-0014    | 08+                                | NONE                  | TRANSP        | OTHER            |
| RC-01       | 60OO-003      | 08+                                | NONE                  | CRSHR         | OTHER            |
| RC-01       | 60OOO-004     | 08+                                | NONE                  | CRSHR         | OTHER            |
| RC-01       | 60OOO-005     | 08+                                | NONE                  | CRSHR         | OTHER            |
| VS-01       | 60OOO-006     | 08+                                | NONE                  | SCRNOP        | OTHER            |
| VS-01       | 60OO-007      | 08+                                | NONE                  | SCRNOP        | OTHER            |
| VS-01       | 60OOO-008     | 08+                                | NONE                  | SCRNOP        | OTHER            |
| 1303        | 60OOO-0001    | 83-                                |                       |               |                  |
| 1308        | 60OOO-0001    | 83-                                |                       |               |                  |
| 1307-1      | 60OOO-0001    | 83-                                |                       |               |                  |
| 1307-2      | 60OOO-0001    | 83-                                |                       |               |                  |
| 303         | 60OOO-0001    | 83-                                |                       |               |                  |
| 304         | 60OOO-0001    | 83-                                |                       |               |                  |
| 1318        | 60OOO-0001    | 83-                                |                       |               |                  |
| 1312        | 60OOO-0001    | 83-                                |                       |               |                  |
| 1310        | 60OOO-0001    | 83-                                |                       |               |                  |
|             |               |                                    |                       |               |                  |

#### Texas Commission on Environmental Quality Mineral Processing Plant Attributes Form OP-UA33 (Page 3)

#### **Federal Operating Permit Program**

#### Table 2b: Title 40 Code of Federal Regulations (40 CFR Part 60)

#### **Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants**

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

| Unit ID No. | SOP Index No. | Capture System | Wet Suppression | Exhaust Gas Velocity | Control Device Type | Control Device ID No. |
|-------------|---------------|----------------|-----------------|----------------------|---------------------|-----------------------|
| GRPTRANSP   | 60OOO-0014    | NOCAP          | NONE            |                      |                     |                       |
| RC-01       | 60OO-003      | NOCAP          | DIR             |                      |                     |                       |
| RC-01       | 60OO-004      | NOCAP          | WCUP            |                      |                     |                       |
| RC-01       | 60OO-005      | NOCAP          | NONE            |                      |                     |                       |
| VS-01       | 60OO-006      | NOCAP          | DIR             |                      |                     |                       |
| VS-01       | 60OO-007      | NOCAP          | WCUP            |                      |                     |                       |
| VS-01       | 60OO-008      | NOCAP          | NONE            |                      |                     |                       |
| 1303        | 60OOO-0001    |                |                 |                      |                     |                       |
| 1308        | 60OOO-0001    |                |                 |                      |                     |                       |
| 1307-1      | 60OOO-0001    |                |                 |                      |                     |                       |
| 1307-2      | 60OOO-0001    |                |                 |                      |                     |                       |
| 303         | 60OOO-0001    |                |                 |                      |                     |                       |
| 304         | 60OOO-0001    |                |                 |                      |                     |                       |
| 1318        | 60OOO-0001    |                |                 |                      |                     |                       |
| 1312        | 60OOO-0001    |                |                 |                      |                     |                       |
| 1310        | 60OOO-0001    |                |                 |                      |                     |                       |
|             |               |                |                 |                      |                     |                       |

#### Texas Commission on Environmental Quality Mineral Processing Plant Attributes Form OP-UA33 (Page 4)

#### **Federal Operating Permit Program**

Table 2c: Title 40 Code of Federal Regulations (40 CFR Part 60)

**Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants** 

| Date       | Permit No. | Regulated Entity No. |  |
|------------|------------|----------------------|--|
| 12/19/2024 | O1108      | RN100219856          |  |

| Unit ID No. | SOP Index No. | Baghouse Monitoring | Baghouse Operation | PM Concentration<br>Method | Emissions Interference |
|-------------|---------------|---------------------|--------------------|----------------------------|------------------------|
| GRPTRANSP   | 60OO-0014     |                     |                    |                            | NOINT                  |
| RC-01       | 60OOO-003     |                     |                    |                            | NOINT                  |
| RC-01       | 60OOO-004     |                     |                    |                            | NOINT                  |
| RC-01       | 60OOO-005     |                     |                    |                            | NOINT                  |
| VS-01       | 60OOO-006     |                     |                    |                            | NOINT                  |
| VS-01       | 60OOO-007     |                     |                    |                            | NOINT                  |
| VS-01       | 60OOO-008     |                     |                    |                            | NOINT                  |
| 1303        | 60OO-0001     |                     |                    |                            |                        |
| 1308        | 60OO-0001     |                     |                    |                            |                        |
| 1307-1      | 60OO-0001     |                     |                    |                            |                        |
| 1307-2      | 60OO-0001     |                     |                    |                            |                        |
| 303         | 60OO-0001     |                     |                    |                            |                        |
| 304         | 60OO-0001     |                     |                    |                            |                        |
| 1318        | 60OO-0001     |                     |                    |                            |                        |
| 1312        | 60OO-0001     |                     |                    |                            |                        |
| 1310        | 60OO-0001     |                     |                    |                            |                        |
|             |               |                     |                    |                            |                        |

#### 4. FORM OP-REQ1

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 1)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| I.       | Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter |   |                  |
|----------|---|---|------------------|
|          | Α.  | Visible Emissions   |                  |
| <b>•</b> | 1.  | The application area includes stationary vents constructed on or before January 31, 1972.   | ☐ Yes ⊠ No       |
| <b>*</b> | 2.  | The application area includes stationary vents constructed after January 31, 1972.  If the responses to Questions I.A.1 and I.A.2 are both "No," go to Question I.A.6. If the response to Question I.A.1 is "No" and the response to Question I.A.2 is "Yes," go to Question I.A.4. | ⊠ Yes □ No       |
| <b>♦</b> | 3.  | The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.   | ☐ Yes ☐ No       |
| <b>♦</b> | 4.  | All stationary vents are addressed on a unit specific basis.  | ☐ Yes ⊠ No       |
| <b>•</b> | 5.  | Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.  | ⊠ Yes □ No       |
| <b>♦</b> | 6.  | The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).  | ⊠ Yes □ No       |
| <b>*</b> | 7.  | The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).   | ⊠ Yes □ No       |
| <b>*</b> | 8.  | Emissions from units in the application area include contributions from uncombined water.   | ⊠ Yes □ No       |
| <b>*</b> | 9.  | The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).  | ☐ Yes ⊠ No ☐ N/A |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 2)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| I.       |    | tle 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and articulate Matter (continued)   |            |  |
|----------|----|--|------------|--|
|          | B. | Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots   |            |  |
|          | 1. | Items a - d determine applicability of any of these requirements based on geographical location.   |            |  |
| <b>♦</b> |    | a. The application area is located within the city of El Paso.   | ☐ Yes ⊠ No |  |
| <b>♦</b> |    | b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.   | ☐ Yes ⊠ No |  |
| <b>♦</b> |    | c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.  | ☐ Yes ⊠ No |  |
| <b>*</b> |    | d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.   | ☐ Yes ⊠ No |  |
|          |    | If there is any "Yes" response to Questions I.B.1.a - d, answer Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "No," go to Section I.C.                                  |            |  |
|          | 2. | Items a - d determine the specific applicability of these requirements.  |            |  |
| <b>♦</b> |    | a. The application area is subject to 30 TAC § 111.143.  | ☐ Yes ☐ No |  |
| <b>♦</b> |    | b. The application area is subject to 30 TAC § 111.145.  | ☐ Yes ☐ No |  |
| <b>♦</b> |    | c. The application area is subject to 30 TAC § 111.147.  | Yes No     |  |
| <b>♦</b> |    | d. The application area is subject to 30 TAC § 111.149.  | Yes No     |  |
|          | C. | Emissions Limits on Nonagricultural Processes  |            |  |
| <b>•</b> | 1. | The application area includes a nonagricultural process subject to 30 TAC § 111.151.   | ⊠ Yes □ No |  |
|          | 2. | The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements.  If the response to Question I.C.2 is "No," go to Question I.C.4. | ⊠ Yes □ No |  |
|          | 3. | All vents from nonagricultural process in the application area are subject to additional monitoring requirements.  | ☐ Yes ⊠ No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 3)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| I.       | Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued) |  |            |
|----------|---|--|------------|
|          | C.  | <b>Emissions Limits on Nonagricultural Processes (continued)</b>   |            |
|          | 4.  | The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).   | ☐ Yes ⊠ No |
|          | 5.  | The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements.  If the response to Question I.C.5 is "No," go to Question I.C.7. | ☐ Yes ⊠ No |
|          | 6.  | All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.  | ☐ Yes ☐ No |
|          | 7.  | The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).   | ☐ Yes ⊠ No |
|          | 8.  | The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements.  If the response to Question I.C.8 is "No," go to Section I.D.  | ☐ Yes ⊠ No |
|          | 9.  | All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.  | Yes No     |
|          | D.  | Emissions Limits on Agricultural Processes   |            |
|          | 1.  | The application area includes agricultural processes subject to 30 TAC § 111.171.  | ☐ Yes ⊠ No |
|          | Е.  | Outdoor Burning  |            |
| •        | 1.  | Outdoor burning is conducted in the application area.  If the response to Question I.E.1 is "No," go to Section II.  | ⊠ Yes □ No |
| •        | 2.  | Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.  | ⊠ Yes □ No |
| <b>*</b> | 3.  | Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.  | ⊠ Yes □ No |
| <b>•</b> | 4.  | Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.   | ⊠ Yes □ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 4)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| I.       |       | Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)  |            |  |
|----------|-------|--|------------|--|
|          | Е.    | Outdoor Burning (continued)  |            |  |
| <b>*</b> | 5.    | Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.  | ☐ Yes ⊠ No |  |
| <b>*</b> | 6.    | Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.   | ☐ Yes ⊠ No |  |
| •        | 7.    | The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.  | ☐ Yes ⊠ No |  |
| II.      | Title | 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds  |            |  |
|          | Α.    | Temporary Fuel Shortage Plan Requirements  |            |  |
|          | 1.    | The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.  | ⊠ Yes □ No |  |
| III.     | Title | 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds  |            |  |
|          | Α.    | Applicability  |            |  |
| •        | 1.    | The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. | ⊠ Yes □ No |  |
|          |       | See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.  |            |  |
|          | В.    | Storage of Volatile Organic Compounds  |            |  |
| <b>*</b> | 1.    | The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.   | ☐ Yes ⊠ No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 5)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     |    | itle 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds<br>continued)  |               |  |
|----------|----|---|---------------|--|
|          | C. | Industrial Wastewater   |               |  |
|          | 1. | The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140.  If the response to Question III.C.1 is "No" or "N/A," go to Section III.D.   | Yes No No N/A |  |
|          | 2. | The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area.  If the response to Question III.C.2 is "Yes" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.      | ☐ Yes ☐ No    |  |
|          | 3. | The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater).  If the response to Question III.C.3 is "Yes," go to Section III.D.        | ☐ Yes ☐ No    |  |
|          | 4. | The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons).  If the response to Question III.C.4 is "Yes," go to Section III.D. | Yes No        |  |
|          | 5. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).   | Yes No        |  |
|          | 6. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).  | Yes No        |  |
|          | 7. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).  | Yes No        |  |
|          | D. | Loading and Unloading of VOCs   |               |  |
| <b>♦</b> | 1. | The application area includes VOC loading operations.   | ☐ Yes ⊠ No    |  |
| <b>♦</b> | 2. | The application area includes VOC transport vessel unloading operations. For GOP applications, if the responses to Questions III.D.1 - D.2 are "No," go to Section III.E.   | ⊠ Yes □ No    |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 6)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) |  |            |
|----------|---|--|------------|
|          | D.  | Loading and Unloading of VOCs (continued)  |            |
| <b>*</b> | 3.  | Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.  | ☐ Yes ⊠ No |
|          | Е.  | Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities   |            |
| •        | 1.  | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container.  If the response to Question III.E.1 is "No," go to Section III.F.  | ⊠ YES □ No |
| •        | 2.  | Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.   | ☐ YES ⊠ No |
| •        | 3.  | All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent.  If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.   | ☐ Yes ⊠ No |
| •        | 4.  | The application area is located in a covered attainment county as defined in 30 TAC § 115.10.  If the response to Question III.E.4 is "No," go to Question III.E.9.  | ⊠ Yes □ No |
| <b>*</b> | 5.  | Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.  | ⊠ Yes □ No |
| <b>*</b> | 6.  | Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.   | ☐ Yes ⊠ No |
| •        | 7.  | At facilities located in a covered attainment county other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014.  If the response to Question III.E.7 is "Yes," go to Section III.F. | ☐ Yes ⊠ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 7)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     |     | Citle 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds continued)   |            |  |
|----------|-----|--|------------|--|
|          | Е.  | Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)   |            |  |
| •        | 8.  | At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004.  If the response to Question III.E.8 is "Yes," go to Section III.F. | ☐ Yes ⊠ No |  |
| •        | 9.  | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.  | ☐ Yes ⊠ No |  |
| •        | 10. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.   | ☐ Yes ⊠ No |  |
| <b>*</b> | 11. | Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.   | ☐ Yes ⊠ No |  |
| •        | 12. | At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.   | ☐ Yes ⊠ No |  |
|          | F.  | Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)   |            |  |
| <b>•</b> | 1.  | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.  | Yes No N/A |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 8)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     |    | tle 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds<br>ontinued)  |                  |  |
|----------|----|---|------------------|--|
|          | F. | Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)  |                  |  |
| <b>*</b> | 2. | Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.   | ☐ Yes☐ No ☐ N/A  |  |
| <b>*</b> | 3. | Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.   | Yes No No N/A    |  |
|          | G. | Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities   |                  |  |
| •        | 1. | The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks.  If the response to Question III.G.1 is "No" or "N/A," go to Section III.H. | ☐ Yes ☐ No ⊠ N/A |  |
| <b>*</b> | 2. | The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.   | Yes No           |  |
| •        | 3. | The application area includes facilities that began construction prior to November 15, 1992.  If the responses to Questions III.G.2 and III.G.3 are both "No," go to Section III.H.   | ☐ Yes ☐ No       |  |
| •        | 4. | The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.   | ☐ Yes ☐ No       |  |
| <b>*</b> | 5. | The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.   | Yes No N/A       |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 9)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     |    | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)  |                  |  |
|----------|----|--|------------------|--|
|          | н. | Control of Reid Vapor Pressure (RVP) of Gasoline   |                  |  |
| •        | 1. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County.  If the response to Question III.H.1 is "No" or "N/A," go to Section III.I. | ☐ Yes ☐ No ⊠ N/A |  |
| <b>*</b> | 2. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.   | Yes No           |  |
| <b>♦</b> | 3. | The application area includes a motor vehicle fuel dispensing facility.  | ☐ Yes ☐ No       |  |
| •        | 4. | The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.   | ☐ Yes ☐ No       |  |
|          | I. | Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries   |                  |  |
|          | 1. | The application area is located at a petroleum refinery.   | ☐ Yes ⊠ No       |  |
|          | J. | <b>Surface Coating Processes (Complete this section for GOP applications only.)</b>  |                  |  |
| <b>*</b> | 1. | Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.                             | Yes No N/A       |  |

#### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 10)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     |    | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)  |                  |  |
|----------|----|--|------------------|--|
|          | K. | Cutback Asphalt  |                  |  |
|          | 1. | Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency.  If the response to Question III.K.1 is "N/A," go to Section III.L. | ☐ Yes ☐ No ☑ N/A |  |
|          | 2. | The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.  | Yes No N/A       |  |
|          | 3. | Asphalt emulsion is used or produced within the application area.  | ☐ Yes ☐ No       |  |
|          | 4. | The application area is using an alternate control requirement as specified in 30 TAC § 115.513.   | Yes No           |  |
|          | _  | If the response to Question III.K.4 is "No," go to Section III.L.  | D D              |  |
|          | 5. | The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).  | Yes No           |  |
|          | 6. | The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.   | ☐ Yes ☐ No       |  |
|          | 7. | The applicant using cutback asphalt is a state, municipal, or county agency.   | ☐ Yes ☐ No       |  |
|          | L. | Degassing of Storage Tanks, Transport Vessels and Marine Vessels   |                  |  |
| <b>*</b> | 1. | The application area includes degassing operations for stationary, marine, and/or transport vessels.  If the response to Question III.L.1 is "No" or "N/A," go to Section III.M.   | Yes No N/A       |  |
| <b>*</b> | 2. | Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area.  If the response to Question III.L.2 is "Yes," go to Section III.M.   | Yes No N/A       |  |

#### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 11)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III.     |    | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)   |               |  |
|----------|----|---|---------------|--|
|          | L. | Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)  |               |  |
| <b>*</b> | 3. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.  | Yes No N/A    |  |
| <b>*</b> | 4. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | Yes No No N/A |  |
| •        | 5. | Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.   | Yes No        |  |
| •        | 6. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.   | Yes No N/A    |  |
| <b>*</b> | 7. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure $\geq$ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.   | Yes No N/A    |  |
|          | M. | Petroleum Dry Cleaning Systems  |               |  |
|          | 1. | The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.  | Yes No N/A    |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 12)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| III. |    | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)  |                  |  |
|------|----|--|------------------|--|
|      | N. | Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC)   |                  |  |
|      | 1. | The application area includes one or more vent gas streams containing HRVOC.   | Yes No N/A       |  |
|      | 2. | The application area includes one or more flares that emit or have the potential to emit HRVOC.  | ☐ Yes ☐ No ⊠ N/A |  |
|      |    | If the responses to Questions III.N.1 and III.N.2 are both "No" or "N/A," go to Section III.O. If the response to Question III.N.1 is "Yes," continue with Question III.N.3. |                  |  |
|      | 3. | All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.   | Yes No           |  |
|      | 4. | All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times.   | Yes No           |  |
|      |    | If the responses to Questions III.N.3 and III.N.4 are both "Yes," go to Section III.O.   |                  |  |
|      | 5. | The application area contains pressure relief valves that are not controlled by a flare.   | Yes No           |  |
|      | 6. | The application area has at least one vent stream which has no potential to emit HRVOC.  | ☐ Yes ☐ No       |  |
|      | 7. | The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).  | Yes No           |  |
|      | 0. | Cooling Tower Heat Exchange Systems (HRVOC)  |                  |  |
|      | 1. | The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.   | Yes No N/A       |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 13)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| IV. | Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds |   |            |
|-----|---|---|------------|
|     | <b>A.</b>   | Applicability   |            |
| •   | 1.  | The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area.  For SOP applications, if the response to Question IV.A.1 is "Yes," complete Sections IV.B - IV.F and IV.H.  For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "Yes," go to Section IV.F.  For GOP applications for GOP 517, if the response to Question IV.A.1 is "Yes," complete Sections IV.C and IV.F.  For GOP applications, if the response to Question IV.A.1 is "No," go to Section VI. | ☐ Yes ⊠ No |
|     | 2.  | The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln.  If the response to Question IV.A.2 is "Yes," go to Question IV.H.1.   | ☐ Yes ⊠ No |
|     | 3.  | The application area includes a utility electric generator in an east or central Texas county.  See instructions for a list of counties included.  If the response to Question IV.A.3 is "Yes," go to Question IV.G.1.  If the responses to Questions IV.A.1 - 3 are all "No," go to Question IV.H.1.   | ☐ Yes ⊠ No |
|     | В.  | Utility Electric Generation in Ozone Nonattainment Areas  |            |
|     | 1.  | The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300.  If the response to Question IV.B.1 is "No," go to Question IV.C.1.   | Yes No     |
|     | 2.  | The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 14)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| IV.      |    | Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)   |                  |  |
|----------|----|---|------------------|--|
|          | C. | Commercial, Institutional, and Industrial Sources in Ozone Nonattainment<br>Areas   |                  |  |
| •        | 1. | The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400.   | Yes NO           |  |
|          |    | For SOP applications, if the response to Question IV.C.1 is "No," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "No," go to Section IV.F.  |                  |  |
| <b>♦</b> | 2. | The application area is located at a site that was a major source of $NO_X$ before November 15, 1992.   | ☐ Yes ☐ No ☐ N/A |  |
| <b>•</b> | 3. | The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.   | Yes No           |  |
|          | D. | Adipic Acid Manufacturing   |                  |  |
|          | 1. | The application area is located at, or part of, an adipic acid production unit.   | Yes No N/A       |  |
|          | E. | Nitric Acid Manufacturing - Ozone Nonattainment Areas   |                  |  |
|          | 1. | The application area is located at, or part of, a nitric acid production unit.  | Yes No N/A       |  |
|          | F. | Combustion Control at Minor Sources in Ozone Nonattainment Areas -<br>Boilers, Process Heaters, Stationary Engines and Gas Turbines   |                  |  |
| <b>*</b> | 1. | The application area is located at a site that is a minor source of NO <sub>X</sub> in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County).  For SOP applications, if the response to Question IV.F.1 is "No," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is | Yes No           |  |
|          |    | "No," go to Section VI.   |                  |  |
| <b>*</b> | 2. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).  | Yes No           |  |
| <b>*</b> | 3. | The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).  | Yes No           |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 15)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| IV.      | Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued) |  |            |
|----------|---|--|------------|
|          | F.  | Combustion Control at Minor Sources in Ozone Nonattainment Areas -<br>Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)  |            |
| •        | 4.  | The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.   | Yes No     |
| <b>♦</b> | 5.  | The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.   | ☐ Yes ☐ No |
|          | 6.  | The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. If the response to Question IV.F.6 is "No," go to Section IV.G.  | Yes No     |
|          | 7.  | An ACSS for carbon monoxide (CO) has been approved?  | ☐ Yes ☐ No |
|          | 8.  | An ACSS for ammonia (NH <sub>3</sub> ) has been approved?  | ☐ Yes ☐ No |
|          | 9.  | Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.   |            |
|          |   |  |            |
|          | G.  | <b>Utility Electric Generation in East and Central Texas</b>   |            |
|          | 1.  | The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995.  If the response to Question IV.G.1 is "No," go to Question IV.H.1. | Yes No     |
|          | 2.  | The application area is complying with the System Cap in 30 TAC § 117.3020.  | Yes No     |
|          | Н.  | Multi-Region Combustion Control - Water Heaters, Small Boilers, and<br>Process Heaters   |            |
|          | 1.  | The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less.  If the response to question IV.H.1 is "No," go to Section V.           | ☐ Yes ⊠ No |
|          | 2.  | All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 16)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| V. | Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile<br>Organic Compound Emission Standards for Consumer and Commercial Products |  |            |
|----|---|--|------------|
|    | Α.  | Subpart B - National Volatile Organic Compound Emission Standards for<br>Automobile Refinish Coatings  |            |
|    | 1.  | The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.   | ☐ Yes ⊠ No |
|    | 2.  | The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States.  If the responses to Questions V.A.1 and V.A.2 are both "No," go to Section V.B. | ☐ Yes ⊠ No |
|    | 3.  | All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).   | Yes No     |
|    | В.  | Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products  |            |
|    | 1.  | The application area manufactures consumer products for sale or distribution in the United States.   | ☐ Yes ⊠ No |
|    | 2.  | The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.   | ☐ Yes ⊠ No |
|    | 3.  | The application area is a distributor of consumer products whose name appears on the label of one or more of the products.  If the responses to Questions V.B.1 - V.B.3 are all "No," go to Section V.C.   | ☐ Yes ⊠ No |
|    | 4.  | All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 17)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| V.  | Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile<br>Organic Compound Emission Standards for Consumer and Commercial Products<br>(continued) |   |            |
|-----|--|---|------------|
|     | C.   | Subpart D - National Volatile Organic Compound Emission Standards for<br>Architectural Coatings   |            |
|     | 1.   | The application area manufactures or imports architectural coatings for sale or distribution in the United States.  | ☐ Yes ⊠ No |
|     | 2.   | The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "No," go to Section V.D.</i> | ☐ Yes ⊠ No |
|     | 3.   | All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).   | ☐ Yes ☐ No |
|     | D.   | Subpart E - National Volatile Organic Compound Emission Standards for<br>Aerosol Coatings   |            |
|     | 1.   | The application area manufactures or imports aerosol coating products for sale or distribution in the United States.  | ☐ Yes ⊠ No |
|     | 2.   | The application area is a distributor of aerosol coatings for resale or distribution in the United States.  | ☐ Yes ⊠ No |
|     | Е.   | Subpart F - Control of Evaporative Emissions from New and In-Use Portable Fuel Containers   |            |
|     | 1.   | The application area manufactures or imports portable fuel containers for sale or distribution in the United States.  If the response to Question V.E.1 is "No," go to Section VI.  | ☐ Yes ⊠ No |
|     | 2.   | All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).   | Yes No     |
| VI. | Title  | 40 Code of Federal Regulations Part 60 - New Source Performance Standards   |            |
|     | A.   | Applicability   |            |
| •   | 1.   | The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts.  If the response to Question VI.A.1 is "No," go to Section VII.   | ⊠ Yes □ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 18)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) |   |                  |
|----------|---|---|------------------|
|          | В.  | Subpart Y - Standards of Performance for Coal Preparation and Processing Plants   |                  |
|          | 1.  | The application area is located at a coal preparation and processing plant. If the response to Question VI.B.1 is "No," go to Section VI.C.   | ⊠ Yes □ No       |
|          | 2.  | The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd).  If the response to Question VI.B.2 is "No," go to Section VI.C.   | ⊠ Yes □ No       |
|          | 3.  | The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option.  If the response to Question VI.B.3 is "Yes," go to Section VI.C.  | ☐ Yes ⊠ No       |
|          | 4.  | The plant contains an open storage pile, as defined in § 60.251, as an affected facility.  If the response to Question VI.B.4 is "No," go to Section VI.C.  | ⊠ Yes □ No       |
|          | 5.  | The open storage pile was constructed, reconstructed or modified after May 27, 2009.  | ☐ Yes ⊠ No       |
|          | C.  | Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)   |                  |
| •        | 1.  | The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired.  If the response to Question VI.C.1 is "No" or "N/A," go to Section VI.E. | ☐ Yes ☐ No ☐ N/A |
| •        | 2.  | One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "No," go to Section VI.E.</i>  | Yes No           |
| <b>*</b> | 3.  | One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).   | Yes No           |
| <b>*</b> | 4.  | The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.  | Yes No           |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 19)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) |   |                  |
|----------|---|---|------------------|
|          | C.  | Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)   |                  |
| <b>*</b> | 5.  | One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.   | Yes No           |
|          | D.  | Subpart XX - Standards of Performance for Bulk Gasoline Terminals   |                  |
|          | 1.  | The application area includes bulk gasoline terminal loading racks.  If the response to Question VI.D.1 is "No," go to Section VI.E.  | ☐ Yes ⊠ No ☐ N/A |
|          | 2.  | One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.   | Yes No           |
|          | Е.  | Subpart LLL - Standards of Performance for Onshore Natural Gas<br>Processing: Sulfur Dioxide (SO <sub>2</sub> ) Emissions   |                  |
| •        | 1.  | The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore).  For SOP applications, if the response to Question VI.E.1 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is or "N/A," go to Section VI.H.   | ☐ Yes ⊠ No       |
| <b>*</b> | 2.  | The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011.  For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "No," go to Section VI.H.  | Yes No           |
| •        | 3.  | The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD.  For SOP applications, if the response to Question VI.E.3 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "No," go to Section VI.H. | Yes No           |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 20)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) |  |            |
|----------|---|--|------------|
|          | Е.  | Subpart LLL - Standards of Performance for Onshore Natural Gas<br>Processing: Sulfur Dioxide (SO <sub>2</sub> ) Emissions (continued)  |            |
| <b>*</b> | 4.  | Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.  | Yes No     |
|          |   | For SOP applications, if the response to Question VI.E.4. is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "No," go to Section VI.H.  |            |
| <b>*</b> | 5.  | Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below  |            |
|          |   |  |            |
|          | F.  | Subpart OOO - Standards of Performance for Nonmetallic Mineral<br>Processing Plants  |            |
|          | 1.  | The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant.  | ⊠ Yes □ No |
|          |   | If the response to Question VI.F.1 is "No," go to Section VI.G.  |            |
|          | 2.  | Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.  | Yes No     |
|          | G.  | Subpart QQQ - Standards of Performance for VOC Emissions from<br>Petroleum Refinery Wastewater Systems   |            |
|          | 1.  | The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. | ☐ Yes ⊠ No |
|          |   | If the response to Question VI.G.1 is "No," go to Section VI.H.  |            |
|          | 2.  | The application area includes storm water sewer systems.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 21)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      |    | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)  |                  |  |
|----------|----|--|------------------|--|
|          | G. | Subpart QQQ - Standards of Performance for VOC Emissions from<br>Petroleum Refinery Wastewater Systems (continued)   |                  |  |
|          | 3. | The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.  | Yes No           |  |
|          | 4. | The application area includes non-contact cooling water systems.   | Yes No           |  |
|          | 5. | The application area includes individual drain systems.  If the response to Question VI.G.5 is "No," go to Section VI.H.   | Yes No           |  |
|          | 6. | The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).  | Yes No           |  |
|          | 7. | The application area includes completely closed drain systems.   | Yes No           |  |
|          | Н. | Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004                                       |                  |  |
| <b>*</b> | 1. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator.  If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "No," go to Question VI.H.4. | ☐ Yes ⊠ No ☐ N/A |  |
| •        | 2. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.  | Yes No           |  |
| <b>♦</b> | 3. | The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.  | Yes No           |  |
| <b>*</b> | 4. | The application area includes at least one air curtain incinerator.  If the response to Question VI.H.4 is "No," go to Section VI.I.   | ☐ Yes ⊠ No       |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 22)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) |  |            |
|----------|---|--|------------|
|          | Н.  | Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)   |            |
| •        | 5.  | The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "No," go to Question VI.H.7.</i>  | Yes No     |
| <b>*</b> | 6.  | All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.  | Yes No     |
| <b>*</b> | 7.  | The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.  | Yes No     |
| <b>•</b> | 8.  | All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.  | Yes No     |
|          | I.  | Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001                                   |            |
| <b>*</b> | 1.  | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator.  If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "No," go to Question VI.I.4. | Yes No N/A |
| <b>*</b> | 2.  | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 23)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) |  |            |
|----------|---|--|------------|
|          | I.  | Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued) |            |
| •        | 3.  | The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.               | Yes No     |
| <b>*</b> | 4.  | The application area includes at least one air curtain incinerator.  If the response to Question VI.I.4 is "No," go to Section VI.J.   | ☐ Yes ⊠ No |
| •        | 5.  | The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.  If the response to Question VI.I.5 is "No," go to VI.I.7.                                | Yes No     |
| <b>*</b> | 6.  | All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.   | Yes No     |
| <b>*</b> | 7.  | The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.   | Yes No     |
| <b>*</b> | 8.  | All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.                                       | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 24)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      |    | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)   |                  |  |  |
|----------|----|---|------------------|--|--|
|          | J. | Subpart EEEE - Standards of Performance for Other Solid Waste<br>Incineration Units for Which Construction Commenced After<br>December 9, 2004 or for Which Modification or Reconstruction Commenced<br>on or After June 16, 2006   |                  |  |  |
| <b>*</b> | 1. | The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.  If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "No," go to Question VI.J.4. | ☐ Yes ⊠ No ☐ N/A |  |  |
| <b>*</b> | 2. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.  | Yes No           |  |  |
| •        | 3. | The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.  | Yes No           |  |  |
| <b>*</b> | 4. | The application area includes at least one air curtain incinerator.  If the response to Question VI.J.4 is "No," go to Section VI.K.  | ☐ Yes ⊠ No       |  |  |
| •        | 5. | The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.  If the response to Question VI.J.5 is "No," go to Question VI.J.7.   | Yes No           |  |  |
| <b>*</b> | 6. | All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.  | Yes No           |  |  |
| <b>*</b> | 7. | The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.   | Yes No           |  |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 25)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VI.      |               | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)   |                  |  |  |  |
|----------|---------------|--|------------------|--|--|--|
|          | J.            | Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)                       |                  |  |  |  |
| <b>*</b> | 8.            | All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.   | Yes No           |  |  |  |
| <b>*</b> | 9.            | The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.   | Yes No           |  |  |  |
| <b>*</b> | 10.           | The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.  | Yes No           |  |  |  |
|          | K.            | Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas<br>Production, Transmission and Distribution   |                  |  |  |  |
| •        | 1.            | The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.   | ☐ Yes ⊠ No       |  |  |  |
| VII.     | Title<br>Haza | 40 Code of Federal Regulations Part 61 - National Emission Standards for rdous Air Pollutants  |                  |  |  |  |
|          | A.            | Applicability  |                  |  |  |  |
| <b>*</b> | 1.            | The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts.  If the response to Question VII.A.1 is "No" or "N/A," go to Section VIII.   | ☐ Yes ⊠ No ☐ N/A |  |  |  |
|          | В.            | Subpart F - National Emission Standard for Vinyl Chloride  |                  |  |  |  |
|          | 1.            | The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride. | ☐ Yes ☐ No       |  |  |  |
|          | C.            | Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)  |                  |  |  |  |
| <b>♦</b> | 1.            | The application area includes equipment in benzene service.  | Yes No N/A       |  |  |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 26)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. |    | e 40 Code of Federal Regulations Part 61 - National Emission Standards for ardous Air Pollutants (continued)   |            |  |
|------|----|--|------------|--|
|      | D. | Subpart L - National Emission Standard for Benzene Emissions from Coke<br>By-Product Recovery Plants   |            |  |
|      | 1. | The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). | Yes No     |  |
|      |    | If the response to Question VII.D.1 is "No," go to Section VII.E.  |            |  |
|      | 2. | The application area includes equipment in benzene service as determined by $40\ \text{CFR}\ \S\ 61.137(b).$   | Yes No     |  |
|      | 3. | The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.   | ☐ Yes ☐ No |  |
|      | Е. | Subpart M - National Emission Standard for Asbestos  |            |  |
|      |    | Applicability  |            |  |
|      | 1. | The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155.                   | ☐ Yes ☐ No |  |
|      |    | If the response to Question VII.E.1 is "No," go to Section VII.F.  |            |  |
|      |    | Roadway Construction   |            |  |
|      | 2. | The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.                               | ☐ Yes ☐ No |  |
|      |    | Manufacturing Commercial Asbestos  |            |  |
|      | 3. | The application area includes a manufacturing operation using commercial asbestos.  If the response to Question VII.E.3 is "No," go to Question VII.E.4.     | ☐ Yes ☐ No |  |
|      |    |  |            |  |
|      |    | Visible emissions are discharged to outside air from the manufacturing operation   | Yes No     |  |
|      |    | b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.     | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 27)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. | Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) |      |   |            |  |
|------|---|------|---|------------|--|
|      | E.  | Subp | Subpart M - National Emission Standard for Asbestos (continued)   |            |  |
|      |   | Man  | ufacturing Commercial Asbestos (continued)  |            |  |
|      |   | c.   | Asbestos-containing waste material is processed into non-friable forms.   | ☐ Yes ☐ No |  |
|      |   | d.   | Asbestos-containing waste material is adequately wetted.  | ☐ Yes ☐ No |  |
|      |   | e.   | Alternative filtering equipment is being used that has received EPA approval.   | Yes No     |  |
|      |   | f.   | A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles                    | Yes No     |  |
|      |   | g.   | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.                            | Yes No     |  |
|      |   | Asbe | stos Spray Application  |            |  |
|      | 4.  | mate | application area includes operations in which asbestos-containing rials are spray applied.  e response to Question VII.E.4 is "No," go to Question VII.E.5. | Yes No     |  |
|      |   | a.   | Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying.                                     | Yes No     |  |
|      |   |      | response to Question VII.E.4.a is "Yes," go to Question VII.E.5.  |            |  |
|      |   | b.   | Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.                                   | Yes No     |  |
|      |   | c.   | An alternative emission control and waste treatment method is being used that has received prior EPA approval.  | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 28)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. |    | e 40 Code of Federal Regulations Part 61 - National Emission Standards for ardous Air Pollutants (continued) |  |            |  |
|------|----|--|--|------------|--|
|      | E. | Subp   | Subpart M - National Emission Standard for Asbestos (continued)  |            |  |
|      |    | Asbe   | stos Spray Application (continued)   |            |  |
|      |    | d.   | Asbestos-containing waste material is processed into non-friable forms.  | ☐ Yes ☐ No |  |
|      |    | e.   | Asbestos-containing waste material is adequately wetted.   | ☐ Yes ☐ No |  |
|      |    | f.   | Alternative filtering equipment is being used that has received EPA approval.  | Yes No     |  |
|      |    | g.   | A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.                          | Yes No     |  |
|      |    | h.   | The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals. | Yes No     |  |
|      |    | Fabr   | ricating Commercial Asbestos   |            |  |
|      | 5. | The asbe   | application area includes a fabricating operation using commercial stos.   | Yes No     |  |
|      |    | If the   | e response to Question VII.E.5 is "No," go to Question VII.E.6.  |            |  |
|      |    | a.   | Visible emissions are discharged to outside air from the manufacturing operation.  | Yes No     |  |
|      |    | b.   | An alternative emission control and waste treatment method is being used that has received prior EPA approval.                   | Yes No     |  |
|      |    | c.   | Asbestos-containing waste material is processed into non-friable forms.  | ☐ Yes ☐ No |  |
|      |    | d.   | Asbestos-containing waste material is adequately wetted.   | ☐ Yes ☐ No |  |
|      |    | e.   | Alternative filtering equipment is being used that has received EPA approval.  | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 29)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. |    | 40 Code of Federal Regulations Part 61 - National Emission Standards for rdous Air Pollutants (continued)   |        |  |
|------|----|---|--------|--|
|      | E. | Subpart M - National Emission Standard for Asbestos (continued)   |        |  |
|      |    | Fabricating Commercial Asbestos (continued)   |        |  |
|      |    | f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.  | Yes No |  |
|      |    | g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.   | Yes No |  |
|      |    | Non-sprayed Asbestos Insulation   |        |  |
|      | 6. | The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.                | Yes No |  |
|      |    | Asbestos Conversion   |        |  |
|      | 7. | The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.                | Yes No |  |
|      | F. | Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities   |        |  |
|      | 1. | The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process. | Yes No |  |
|      | G. | Subpart BB - National Emission Standard for Benzene Emissions from<br>Benzene Transfer Operations   |        |  |
|      | 1. | The application area is located at a benzene production facility and/or bulk terminal.  | Yes No |  |
|      |    | If the response to Question VII.G.1 is "No," go to Section VII.H.   |        |  |
|      | 2. | The application area includes benzene transfer operations at marine vessel loading racks.   | Yes No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 30)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. |    | Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)  |            |  |
|------|----|--|------------|--|
|      | G. | S. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)  |            |  |
|      | 3. | The application area includes benzene transfer operations at railcar loading racks.  | ☐ Yes ☐ No |  |
|      | 4. | The application area includes benzene transfer operations at tank-truck loading racks.   | Yes No     |  |
|      | H. | Subpart FF - National Emission Standard for Benzene Waste Operations   |            |  |
|      |    | Applicability  |            |  |
|      | 1. | The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.   | Yes No     |  |
|      | 2. | The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b).  If the responses to Questions VII.H.1 and VII.H.2 are both "No," go to Section VIII.    | Yes No     |  |
|      | 3. | The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates.  If the response to Question VII.H.3 is "Yes," go to Section VIII.   | Yes No     |  |
|      | 4. | The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr).  If the response to Question VII.H.4 is "Yes," go to Section VIII                          | Yes No     |  |
|      | 5. | The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "Yes," go to Section VIII.</i> | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 31)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. | Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) |  |        |
|------|---|--|--------|
|      | Н.  | Subpart FF - National Emission Standard for Benzene Waste Operations (continued)   |        |
|      |   | Applicability (continued)  |        |
|      | 6.  | The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.   | Yes No |
|      | 7.  | The application area has waste streams with flow-weighted annual average water content of 10% or greater.  | Yes No |
|      |   | Waste Stream Exemptions  |        |
|      | 8.  | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).   | Yes No |
|      | 9.  | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr. | Yes No |
|      | 10.   | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.  | Yes No |
|      | 11.   | The application area transfers waste off-site for treatment by another facility.   | Yes No |
|      | 12.   | The application area is complying with 40 CFR § 61.342(d).   | Yes No |
|      | 13.   | The application area is complying with 40 CFR § 61.342(e).  If the response to Question VII.H.13 is "No," go to Question VII.H.15.   | Yes No |
|      | 14.   | The application area has facility waste with a flow weighted annual average water content of less than 10%.  | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 32)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII. | Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) |  |        |
|------|---|--|--------|
|      | Н.  | Subpart FF - National Emission Standard for Benzene Waste Operations (continued)   |        |
|      |   | Container Requirements   |        |
|      | 15.   | The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste.  If the response to Question VII.H.15 is "No," go to Question VII.H.18.                             | Yes No |
|      | 16.   | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.  If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.                     | Yes No |
|      | 17.   | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.   | Yes No |
|      |   | Individual Drain Systems   |        |
|      | 18.   | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste.  If the response to Question VII.H.18 is "No," go to Question VII.H.25.     | Yes No |
|      | 19.   | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.  If the response to Question VII.H.19 is "Yes," go to Question VII.H.25. | Yes No |
|      | 20.   | The application area has individual drain systems complying with 40 CFR § 61.346(a).  If the response to Question VII.H.20 is "No," go to Question VII.H.22.   | Yes No |
|      | 21.   | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.                                     | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 33)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII.  |                        | Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)  |            |  |
|-------|------------------------|--|------------|--|
|       | Н.                     | <b>Subpart FF - National Emission Standard for Benzene Waste Operations</b> (continued)  |            |  |
|       |                        | Individual Drain Systems (continued)   |            |  |
|       | 22.                    | The application area has individual drain systems complying with 40 CFR § 61.346(b).  If the response to Question VII.H.22 is "No," go to Question VII.H.25.   | Yes No     |  |
|       | 23.                    | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.   | Yes No     |  |
|       | 24.                    | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.  | Yes No     |  |
|       | Remediation Activities |  |            |  |
|       | 25.                    | Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.   | ☐ Yes ☐ No |  |
| VIII. |                        | 40 Code of Federal Regulations Part 63 - National Emission Standards for rdous Air Pollutants for Source Categories  |            |  |
|       | Α.                     | Applicability  |            |  |
| •     | 1.                     | The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63.  See instructions for 40 CFR Part 63 subparts made applicable only by reference. | ⊠ Yes □ No |  |
|       | В.                     | Subpart F - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry   |            |  |
|       | 1.                     | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).  If the response to Question VIII.B.1 is "No," go to Section VIII.D.  | ☐ Yes ⊠ No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 34)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | В.  | Subpart F - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry<br>(continued)   |            |
|       | 2.  | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).  If the response to Question VIII.B.2 is "No," go to Section VIII.D.   | ☐ Yes ☐ No |
|       | 3.  | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.   | ☐ Yes ☐ No |
|       | 4.  | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.  | Yes No     |
|       | 5.  | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does not use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.  If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D. | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 35)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | I. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|--|---|------------|
|       | C.   | Subpart G - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry for<br>Process Vents, Storage Vessels, Transfer Operations, and Wastewater   |            |
|       |  | Applicability   |            |
|       | 1.   | The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F.  If the response to Question VIII.C.1 is "No," go to Section VIII.D. | ☐ Yes ☐ No |
|       | 2.   | The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.  | Yes No     |
|       | 3.   | The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148.  If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.   | Yes No     |
|       | 4.   | The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.  | Yes No     |
|       | 5.   | The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere.  If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.   | Yes No     |
|       |  | Vapor Collection and Closed Vent Systems  |            |
|       | 6.   | Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.   | Yes No     |
|       | 7.   | Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 36)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | I. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |        |
|-------|--|--|--------|
|       | C.   | Subpart G - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry for<br>Process Vents, Storage Vessels, Transfer Operations, and Wastewater<br>(continued) |        |
|       |  | Reloading or Cleaning of Railcars, Tank Trucks, or Barges  |        |
|       | 8.   | The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank.  If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.                            | Yes No |
|       | 9.   | The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.    | Yes No |
|       | 10.  | The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.   | Yes No |
|       |  | Transfer Racks   |        |
|       | 11.  | The application area includes Group 1 transfer racks that load organic HAPs.   | Yes No |
|       |  | Process Wastewater Streams   |        |
|       | 12.  | The application area includes process wastewater streams.  If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.  | Yes No |
|       | 13.  | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF.  If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.                            | Yes No |
|       | 14.  | The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).   | Yes No |
|       | 15.  | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F.  If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.                             | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 37)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|--|--|------------|
|       | C.   | Subpart G - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry for<br>Process Vents, Storage Vessels, Transfer Operations, and Wastewater<br>(continued)         |            |
|       |  | Process Wastewater Streams (continued)   |            |
|       | 16.  | The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).   | Yes No     |
|       | 17.  | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272.  If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.                                  | Yes No     |
|       | 18.  | The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).  | Yes No     |
|       | 19.  | The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).  | Yes No     |
|       | 20.  | The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.   | ☐ Yes ☐ No |
|       | 21.  | The application area includes process wastewater streams, located at existing sources that are Group 2.  | Yes No     |
|       | 22.  | The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds. | ☐ Yes ☐ No |
|       | 23.  | The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 38)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | I. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|--|--|------------|
|       | C.   | Subpart G - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry for<br>Process Vents, Storage Vessels, Transfer Operations, and Wastewater<br>(continued)           |            |
|       |  | Process Wastewater Streams (continued)   |            |
|       | 24.  | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.  If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.   | Yes No     |
|       | 25.  | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.                   | Yes No     |
|       | 26.  | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.  | Yes No     |
|       | 27.  | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | Yes No     |
|       | 28.  | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.  If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.               | ☐ Yes ☐ No |
|       | 29.  | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.  | Yes No     |
|       | 30.  | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 39)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | I. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|--|---|------------|
|       | C.   | Subpart G - National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry for<br>Process Vents, Storage Vessels, Transfer Operations, and Wastewater<br>(continued)  |            |
|       |  | Drains  |            |
|       | 31.  | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.  If the response to Question VIII.C.31 is "No," go to Question VIII.C.34.  | ☐ Yes ☐ No |
|       | 32.  | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.  | Yes No     |
|       | 33.  | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.   | ☐ Yes ☐ No |
|       | 34.  | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).  If the response to Question VIII.C.34 is "No," go to Question VIII.C.39.                     | ☐ Yes ☐ No |
|       | 35.  | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).  If the response to Question VIII.C.35 is "No," go to Question VIII.C.39.              | ☐ Yes ☐ No |
|       | 36.  | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate. | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 40)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |     | Fitle 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)   |            |  |
|-------|-----|---|------------|--|
|       | C.  | Subpart G-National Emission Standards for Organic Hazardous Air<br>Pollutants from the Synthetic Organic Chemical Manufacturing Industry for<br>Process Vents, Storage Vessels, Transfer Operation, and Wastewater<br>(continued)   |            |  |
|       |     | Drains (continued)  |            |  |
|       | 37. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.   | ☐ Yes ☐ No |  |
|       | 38. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(1)(1) or (1)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute. | ☐ Yes ☐ No |  |
|       |     | Gas Streams   |            |  |
|       | 39. | The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.   | Yes No     |  |
|       | 40. | The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).   | Yes No     |  |
|       | D.  | Subpart N - National Emission Standards for Chromium Emissions From<br>Hard and Decorative Chromium Electroplating and Chromium Anodizing<br>Tanks  |            |  |
|       | 1.  | The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.  | ☐ Yes ⊠ No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 41)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |    | Fitle 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)  |            |  |
|-------|----|--|------------|--|
|       | E. | Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities  |            |  |
|       | 1. | The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials.  If the response to Question VIII.E.1 is "No," go to Section VIII.F.  | ☐ Yes ⊠ No |  |
|       | 2. | Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O.  If the response to Question VIII.E.2 is "No," go to Section VIII.F.  | ☐ Yes ☐ No |  |
|       | 3. | The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.   | Yes No     |  |
|       | 4. | The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.  | Yes No     |  |
|       | F. | Subpart Q - National Emission Standards for Industrial Process Cooling<br>Towers   |            |  |
|       | 1. | The application area includes industrial process cooling towers.  If the response to Question VIII.F.1 is "No," go to Section VIII.G.  | ☐ Yes⊠ No  |  |
|       | 2. | Chromium-based water treatment chemicals have been used on or after September 8, 1994.   | Yes No     |  |
|       | G. | Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)  |            |  |
|       | 1. | The application area includes a bulk gasoline terminal.  | ☐ Yes ⊠ No |  |
|       | 2. | The application area includes a pipeline breakout station.  If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.   | ☐ Yes ⊠ No |  |
|       | 3. | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station.  If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10. | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 42)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | G.  | Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)   |            |
|       | 4.  | The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs.  If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10. | ☐ Yes ☐ No |
|       | 5.  | An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station.  If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.  | Yes No     |
|       | 6.  | The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep).  If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.  | Yes No     |
|       | 7.  | Emissions screening factor less than 0.5 (ET or EP < 0.5).  If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.  | Yes No     |
|       | 8.  | Emissions screening factor greater than or equal to 0.5, but less than 1.0 $(0.5 \le \text{ET or EP} < 1.0)$ .  If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.  | Yes No     |
|       | 9.  | Emissions screening factor greater than or equal to 1.0 (ET or EP $\geq$ 1.0). If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.   | Yes No     |
|       | 10.   | The site at which the application area is located is a major source of HAP.  If the response to Question VIII.G.10 is "No," go to Section VIII.H.   | Yes No     |
|       | 11.   | The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 43)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | Н.  | Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry   |            |
|       | 1.  | The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2.   | ☐ Yes ⊠ No |
|       |   | If the response to Question VIII.H.1 is "No," go to Section VIII.I.   |            |
|       | 2.  | The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3).   | Yes No     |
|       |   | If the response to Question VIII.H.2 is "No," go to Section VIII.I.   |            |
|       | 3.  | The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources.  If the response to Question VIII.H.3 is "No," go to Section VIII.I.  | ☐ Yes ☐ No |
|       | 4.  | The application area includes one or more kraft pulping systems that are existing sources.  | Yes No     |
|       | 5.  | The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.  | Yes No     |
|       | 6.  | The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24.  If the response to Question VIII.H.6 is "No," go to Section VIII.I. | ☐ Yes☐ No  |
|       | 7.  | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).   | Yes No     |
|       | 8.  | The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 44)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |    | e 40 Code of Federal Regulations Part 63 - National Emission Standards for ardous Air Pollutants for Source Categories (continued)   |            |  |
|-------|----|--|------------|--|
|       | I. | Subpart T - National Emission Standards for Halogenated Solvent Cleaning   |            |  |
|       | 1. | The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent. | ☐ Yes ⊠ No |  |
|       | 2. | The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.  | ☐ Yes ⊠ No |  |
|       | 3. | The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.  | ☐ Yes ⊠ No |  |
|       | J. | Subpart U - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group 1 Polymers and Resins  |            |  |
|       | 1. | The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units.  If the response to Question VIII.J.1 is "No," go to Section VIII.K.   | ☐ Yes ⊠ No |  |
|       | 2. | Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U.  If the response to Question VIII.J.2 is "No," go to Section VIII.K.   | Yes No     |  |
|       | 3. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.  | Yes No     |  |
|       | 4. | The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.  | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 45)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|---|--|------------|
|       | J.  | Subpart U - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group 1 Polymers and Resins (continued)  |            |
|       | 5.  | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.  If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.  | Yes No     |
|       | 6.  | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6 is "No," go to Question VIII.J.8.</i>              | Yes No     |
|       | 7.  | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.  | Yes No     |
|       | 8.  | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | ☐ Yes ☐ No |
|       | 9.  | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.  If the responses to Questions VIII.J.8 - VIII.J.9 are both "No," go to Question VIII.J.11.                 | ☐ Yes ☐ No |
|       | 10.   | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 46)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | . Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|---|--|------------|
|       | J.  | Subpart U - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group 1 Polymers and Resins (continued)  |            |
|       |   | Containers   |            |
|       | 11.   | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.  | Yes No     |
|       |   | Drains   |            |
|       | 12.   | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.  If the response to Question VIII.J.12 is "No," go to Question VIII.J.15. | ☐ Yes ☐ No |
|       | 13.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.   | Yes No     |
|       | 14.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.  | Yes No     |
|       | 15.   | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit.  If the response to Question VIII.J.15 is "No," go to Section VIII.K.                      | Yes No     |
|       | 16.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12).  If the response to Question VIII.J.16 is "No," go to Section VIII.K.  | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 47)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |                  |
|-------|---|--|------------------|
|       | J.  | Subpart U - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group 1 Polymers and Resins (continued)  |                  |
|       |   | Drains (continued)   |                  |
|       | 17.   | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.   | Yes No           |
|       | 18.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.   | ☐ Yes ☐ No       |
|       | 19.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute. | Yes No           |
|       | K.  | Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production   |                  |
|       | 1.  | The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area.  If the response to Question VIII.K.1 is "No" or "N/A," go to Section VIII.L.   | ☐ Yes ⊠ No ☐ N/A |
|       | 2.  | The application area includes a BLR and/or WSR research and development facility.  | Yes No           |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 48)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |                  |
|-------|---|---|------------------|
|       | L.  | Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting   |                  |
|       | 1.  | The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter.  If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.     | ☐ Yes ⊠ No ☐ N/A |
|       | 2.  | The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.   | Yes No           |
|       | М.  | Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations   |                  |
|       | 1.  | The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.  | ☐ Yes ⊠ No       |
|       | N.  | Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries   |                  |
|       |   | Applicability   |                  |
|       | 1.  | The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). If the response to Question VIII.N.1 is "No," go to Section VIII.O. | ☐ Yes ⊠ No       |
|       | 2.  | All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7).  If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.  | Yes No           |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 49)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | N.  | Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)   |            |
|       |   | Applicability (continued)   |            |
|       | 3.  | The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).  If the response to Question VIII.N.3 is "No," go to Section VIII.O.   | Yes No     |
|       | 4.  | The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC.  If the response to Question VIII.N.4 is "No," go to Section VIII.O.  | ☐ Yes ☐ No |
|       | 5.  | The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.   | ☐ Yes ☐ No |
|       | 6.  | The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.   | ☐ Yes ☐ No |
|       | 7.  | The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.  If the response to Question VIII.N.7 is "No," go to Question VIII.N.13. | ☐ Yes ☐ No |
|       | 8.  | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).   | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 50)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |                  |
|-------|---|---|------------------|
|       | N.  | Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)   |                  |
|       |   | Applicability (continued)   |                  |
|       | 9.  | The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii).  If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.   | Yes No           |
|       | 10.   | The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992. | Yes No           |
|       |   | Containers, Drains, and other Appurtenances   |                  |
|       | 11.   | The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).   | Yes No           |
|       | 12.   | The application area includes individual drain systems that are subject to the requirements of 40 CFR $\S$ 63.136 as a result of complying with 40 CFR $\S$ 63.640(o)(2)(ii).   | ☐ Yes ☐ No       |
|       | 13.   | The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).   | Yes No           |
|       | 0.  | Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations   |                  |
|       | 1.  | The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1).  If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P  | ☐ Yes ⊠ No ☐ N/A |
|       | 2.  | Materials specified in 40 CFR § 63.680(b)(2) are received at the application  | Yes No           |
|       | ۷.  | area.   |                  |
|       | 3.  | The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.   | Yes No           |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 51)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | 0.  | Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)   |            |
|       | 4.  | The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).  | Yes No     |
|       | 5.  | The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."  | Yes No     |
|       | 6.  | The predominant activity in the application area is the treatment of wastewater received from off-site.   | Yes No     |
|       | 7.  | The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).  | Yes No     |
|       | 8.  | The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61. | ☐ YES ☐ No |
|       | 9.  | The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).   | ☐ Yes ☐ No |
|       | 10.   | The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year.  If the response to Question VIII.O.10 is "Yes," go to Section VIII.P.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 52)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|--|--|------------|
|       | 0.   | Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)  |            |
|       | 11.  | The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater.  If the response to Question VIII.O.11 is "No," go to Question VIII.O.14.   | ☐ Yes ☐ No |
|       | 12.  | VOHAP concentration is determined by direct measurement.   | Yes No     |
|       | 13.  | VOHAP concentration is based on knowledge of the off-site material.  | Yes No     |
|       | 14.  | The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system.  If the response to Question VIII.O.14 is "No," go to Question VIII.O.17. | ☐ Yes ☐ No |
|       | 15.  | An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.   | Yes No     |
|       | 16.  | An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.  | Yes No     |
|       | 17.  | The application area includes containers that manage non-exempt off-site material.   | Yes No     |
|       | 18.  | The application area includes individual drain systems that manage non-exempt off-site materials.  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 53)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII.    |    | le 40 Code of Federal Regulations Part 63 - National Emission Standards for zardous Air Pollutants for Source Categories (continued)   |                 |  |
|----------|----|--|-----------------|--|
|          | Р. | Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities   |                 |  |
|          | 1. | The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components.  If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.   | ☐ Yes⊠ No ☐ N/A |  |
|          | 2. | The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).  | Yes No          |  |
|          | Q. | Subpart HH - National Emission Standards for Hazardous Air Pollutants<br>From Oil and Natural Gas Production Facilities.   |                 |  |
| <b>*</b> | 1. | The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.  | ☐ Yes ⊠ No      |  |
| •        | 2. | The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user.  For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R.  For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z. | ☐ Yes ⊠ No      |  |
| •        | 3. | The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761.  For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.  For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.  | Yes No          |  |
| <b>♦</b> | 4. | The application area is located at a site that is a major source of HAP.  If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.   | Yes No          |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 54)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII.    | I. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |        |
|----------|--|--|--------|
|          | Q.   | Subpart - HH - National Emission Standards for Hazardous Air Pollutants<br>From Oil and Natural Gas Production Facilities (continued)  |        |
| •        | 5.   | The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.  For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.  For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.  For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9. | Yes No |
| •        | 6.   | The application area includes a triethylene glycol (TEG) dehydration unit.  For SOP applications, f the answer to Question VIII.Q.6 is "No," go to  Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "No," go to Section VIII.Z.  | Yes No |
| <b>♦</b> | 7.   | The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.  | Yes No |
| <b>•</b> | 8.   | The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.   | Yes No |
| <b>*</b> | 9.   | Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).   | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 55)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for<br>Hazardous Air Pollutants for Source Categories (continued) |  |                  |  |
|--|--|------------------|--|
| R.   | Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)  |                  |  |
| 1.   | The application area includes shipbuilding or ship repair operations.  If the response to Question VIII.R.1 is "NO," go to Section VIII.S.   | ☐ Yes ⊠ No       |  |
| 2.   | Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.  | Yes No           |  |
| S.   | Subpart JJ - National Emission Standards for Wood Furniture<br>Manufacturing Operations  |                  |  |
| 1.   | The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations.  If the response to Question VIII.S.1 is "No" or "N/A," go to Section VIII.T.  | ☐ Yes ⊠ No ☐ N/A |  |
| 2.   | The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR $\S$ 63.801.   | Yes No           |  |
| T.   | Subpart KK - National Emission Standards for the Printing and Publishing Industry  |                  |  |
| 1.   | The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.   | ☐ Yes ⊠ No ☐ N/A |  |
| U.   | Subpart PP - National Emission Standards for Containers  |                  |  |
| 1.   | The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions.  If the response to Question VIII.U.1 is "NO," go to Section VIII.V. | ☐ Yes ⊠ No       |  |
| 2.   | The application area includes containers using Container Level 1 controls.   | ☐ Yes ☐ No       |  |
| 3.   | The application area includes containers using Container Level 2 controls.   | Yes No           |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 56)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|---|--|------------|
|       | U.  | <b>Subpart PP - National Emission Standards for Containers (continued)</b>   |            |
|       | 4.  | The application area includes containers using Container Level 3 controls.   | Yes No     |
|       | v.  | Subpart RR - National Emission Standards for Individual Drain Systems  |            |
|       | 1.  | The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.  | ☐ Yes ⊠ No |
|       | W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards  |            |
|       | 1.  | The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.   | ☐ Yes ⊠ No |
|       | 2.  | The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.  If the responses to Questions VIII.W.1 and VIII.W.2 are both "No," go to Question VIII.W.20. | ☐ Yes ⊠ No |
|       | 3.  | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).  | Yes No     |
|       | 4.  | The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).   | Yes No     |
|       | 5.  | All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.  | Yes No     |
|       | 6.  | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.W.6 is "No," go to Question VIII.W.8.   | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 57)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)   |            |
|       | 7.  | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.   | Yes No     |
|       | 8.  | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.      | ☐ Yes ☐ No |
|       | 9.  | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.  If the responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.                         | Yes No     |
|       | 10.   | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.   | Yes No     |
|       | 11.   | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.   | Yes No     |
|       | 12.   | The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.  If the response to Question VIII.W.12 is "No," go to Question VIII.W.15. | Yes No     |
|       | 13.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.   | Yes No     |
|       | 14.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 58)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|--|---|------------|
|       | W.   | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)   |            |
|       | 15.  | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. If the response to Question VIII.W.15 is "No," go to Question VIII.W.20.     | ☐ Yes ☐ No |
|       | 16.  | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.  | Yes No     |
|       | 17.  | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.  | ☐ Yes ☐ No |
|       | 18.  | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute. | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 59)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |     | 40 Code of Federal Regulations Part 63 - National Emission Standards for rdous Air Pollutants for Source Categories (continued)   |                  |
|-------|-----|---|------------------|
|       | W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)   |                  |
|       | 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute. | Yes No           |
|       | 20. | The application area includes an ethylene production process unit.  | ☐ Yes ⊠ No ☐ N/A |
|       | 21. | The application area includes waste streams generated from an ethylene production process unit.  If the responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.  | ☐ Yes ⊠ No ☐ N/A |
|       | 22. | The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1).  If the response to Question VIII.W.22 is "No," go to Question VIII.W.54.  | Yes No           |
|       | 23. | Waste stream(s) are transferred off-site for treatment.  If the response to Question VIII.W.23 is "No," go to Question VIII.W.25.   | Yes No           |
|       | 24. | The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment.  If the response to Question VIII.W.24 is "No," go to Question VIII.W.54.  | Yes No           |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 60)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|--|--|------------|
|       | W.   | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)  |            |
|       | 25.  | The total annual benzene quantity from waste at the site is less than $10\mathrm{Mg/yr}$ as determined according to $40\mathrm{CFR}$ § $61.342(a)$ .   | Yes No     |
|       | 26.  | The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b).  If the response to Question VIII.W.26 is "No," go to Question VIII.W.43.                               | ☐ Yes ☐ No |
|       | 27.  | The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control.  If the response to Question VIII.W.27 is "No," go to Question VIII.W.43.                                  | Yes No     |
|       | 28.  | The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s).  If the response to Question VIII.W.28 is "No," go to Question VIII.W.33. | Yes No     |
|       | 29.  | The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.   | Yes No     |
|       | 30.  | The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream.  If the response to Question VIII.W.30 is "No," go to Question VIII.W.43.   | Yes No     |
|       | 31.  | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.   | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 61)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |        |
|-------|---|---|--------|
|       | W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)   |        |
|       | 32.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i> | Yes No |
|       | 33.   | The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream.  If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.   | Yes No |
|       | 34.   | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.  If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.  | Yes No |
|       | 35.   | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.  | Yes No |
|       | 36.   | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream.  If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.                             | Yes No |
|       | 37.   | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.  If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.                                    | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 62)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |        |
|-------|---|---|--------|
|       | W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)                       |        |
|       | 38.   | The application area has individual drain systems complying with 40 CFR § 61.346(a).  If the response to Question VIII.W.38 is "No," go to Question VIII.W.40.                                | Yes No |
|       | 39.   | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.                    | Yes No |
|       | 40.   | The application area has individual drain systems complying with 40 CFR § 61.346(b).  If the response to Question VIII.W.40 is "No," go to Question VIII.W.43.                                | Yes No |
|       | 41.   | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.    | Yes No |
|       | 42.   | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.   | Yes No |
|       | 43.   | The application area has at least one waste stream that contains benzene.  If the response to Question VIII.W.43 is "No," go to Question VIII.W.54.   | Yes No |
|       | 44.   | The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene.  If the response to Question VIII.W.44 is "No," go to Question VIII.W.47. | Yes No |
|       | 45.   | The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.  If the response to Question VIII.W.45 is "Yes," go to Question VIII.W.47.  | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 63)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |        |
|-------|---|---|--------|
|       | W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for<br>Source Categories - Generic Maximum Achievable Control Technology<br>Standards (continued)   |        |
|       | 46.   | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.  | Yes No |
|       | 47.   | The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene.  If the response to Question VIII.W.47 is "No," go to Question VIII.W.54. | Yes No |
|       | 48.   | The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems.  If the response to Question VIII.W.48 is "Yes," go to Question VIII.W.54.      | Yes No |
|       | 49.   | The application area has individual drain systems complying with 40 CFR § 61.346(a).  If the response to Question VIII.W.49 is "No," go to Question VIII.W.51.  | Yes No |
|       | 50.   | Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.  | Yes No |
|       | 51.   | The application area has individual drain systems complying with 40 CFR § 61.346(b).  If the response to Question VIII.W.51 is "No," go to Question VIII.W.54.  | Yes No |
|       | 52.   | Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.                            | Yes No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 64)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VII | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for<br>Hazardous Air Pollutants for Source Categories (continued)   |            |  |  |
|-----|--|------------|--|--|
| W.  | Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)  |            |  |  |
| 53. | Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.  | Yes No     |  |  |
| 54. | The application area contains a cyanide chemicals manufacturing process.  If the response to Question VIII.W.54 is "No," go to Section VIII.X.   | ☐ Yes ⊠ No |  |  |
| 55. | The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.  | Yes No     |  |  |
| X.  | Subpart JJJ - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group IV Polymers and Resins   |            |  |  |
| 1.  | The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ.  If the response to Question VIII.X.1 is "No," go to Section VIII.Y. | ☐ Yes ⊠ No |  |  |
| 2.  | The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units.  If the response to Question VIII.X.2 is "No," go to Section VIII.Y.                     | Yes No     |  |  |
| 3.  | All process wastewater streams generated or managed in the application area are from sources producing polystyrene.  If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.  | Yes No     |  |  |
| 4.  | All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN.  If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.  | Yes No     |  |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 65)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|---|--|------------|
|       | Х.  | Subpart JJJ - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group IV Polymers and Resins (continued)   |            |
|       | 5.  | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.   | Yes No     |
|       | 6.  | The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.   | Yes No     |
|       | 7.  | The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.  | Yes No     |
|       | 8.  | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.  If the response to Question VIII.X.8 is "Yes," go to Question VIII.X.18.  | Yes No     |
|       | 9.  | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.X.9 is "No," go to Question VIII.X.11.                    | Yes No     |
|       | 10.   | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.  | Yes No     |
|       | 11.   | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | Yes No     |
|       | 12.   | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.  If the responses to Questions VIII.X.11 - VIII.X.12 are both "No," go to Question VIII.X.14.               | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 66)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | TIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |   |            |
|-------|---|---|------------|
|       | Χ.  | Subpart JJJ - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group IV Polymers and Resins (continued)  |            |
|       | 13.   | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.   | Yes No     |
|       |   | Containers  |            |
|       | 14.   | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.   | Yes No     |
|       |   | Drains  |            |
|       | 15.   | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.  If the response to Question VIII.X.15 is "No," go to Question VIII.X.18. | ☐ Yes ☐ No |
|       | 16.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.  | Yes No     |
|       | 17.   | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.   | ☐ Yes ☐ No |
|       | 18.   | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit.  If the response to Question VIII.X.18 is "No," go to Section VIII.Y.                  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 67)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|---|--|------------|
|       | Х.  | Subpart JJJ - National Emission Standards for Hazardous Air Pollutant<br>Emissions: Group IV Polymers and Resins (continued)   |            |
|       |   | Drains (continued)   |            |
|       | 19.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12).  If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.   | ☐ Yes ☐ No |
|       | 20.   | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.  | ☐ Yes ☐ No |
|       | 21.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.  | ☐ Yes ☐ No |
|       | 22.   | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 68)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII.    |     | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for<br>Hazardous Air Pollutants for Source Categories (continued)   |            |  |
|----------|-----|--|------------|--|
|          | Υ.  | Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.   |            |  |
|          | 1.  | The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.  | ☐ Yes ⊠ No |  |
|          | Z.  | Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.   |            |  |
| <b>*</b> | 1.  | The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.  | ☐ Yes ⊠ No |  |
|          | AA. | Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)  |            |  |
|          | 1.  | The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).   | ☐ Yes ⊠ No |  |
|          | 2.  | The application area is located at a plant site that is a major source as defined in FCAA § 112(a).  | ☐ Yes ⊠ No |  |
|          | 3.  | The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP.  If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB. | ☐ Yes ⊠ No |  |
|          | 4.  | The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF.  If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.   | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 69)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for<br>Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|--|--|------------|
|       | AA.  | Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)  |            |
|       | 5.   | The application area includes process wastewater streams.  If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.   | Yes No     |
|       | 6.   | The application area includes process wastewater streams, located at existing sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate. | Yes No     |
|       | 7.   | The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.  | Yes No     |
|       | 8.   | The application area includes process wastewater streams, located at new sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.      | Yes No     |
|       | 9.   | The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.   | Yes No     |
|       | 10.  | All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr.  If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.   | Yes No     |
|       | 11.  | The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr.  If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.  | Yes No     |
|       | 12.  | The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.  | Yes No     |
|       | 13.  | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.   | ☐ Yes ☐ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 70)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |             | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)  |            |  |
|-------|-------------|--|------------|--|
|       | AA.         | Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)  |            |  |
|       | 14.         | Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation.  If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.                            | ☐ Yes ☐ No |  |
|       | 15.         | Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h).  If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.  | Yes No     |  |
|       | 16.         | The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.  | Yes No     |  |
|       | 17.         | Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite.  If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19. | Yes No     |  |
|       | 18.         | The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.   | Yes No     |  |
|       | 19.         | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.  | Yes No     |  |
|       | 20.         | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.  | Yes No     |  |
|       | 21.         | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream.  If the response to Question VIII AA 21 is "No." go to Question VIII AA 24                    | ☐ Yes ☐ No |  |
|       | 22.         | If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.  The application area includes individual drain systems that are complying with   |            |  |
|       | <i>LL</i> . | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.   | ∐ Yes ∐ No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 71)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|--|--|------------|
|       | AA.  | Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)  |            |
|       | 23.  | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.  | Yes No     |
|       | 24.  | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b).  If the response to Question VIII.AA.24 is "No," go to Section VIII.BB.  | ☐ Yes ☐ No |
|       | 25.  | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d).  If the response to Question VIII.AA.25 is "No," go to Section VIII.BB.   | Yes No     |
|       | 26.  | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.  | ☐ Yes ☐ No |
|       | 27.  | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.   | ☐ Yes ☐ No |
|       | 28.  | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy. | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 72)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

| <b>A</b> | Ear COD | applications  | oncition | ONIV | these questions | 1111000 | othomyjco | directed  |
|----------|---------|---------------|----------|------|-----------------|---------|-----------|-----------|
| ▼        | FOR GOP | applications. | answer   | UNLT | these duestions | uniess  | otnerwise | airectea. |

| VIII | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)  |            |  |
|------|--|------------|--|
| ВВ.  | Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.   |            |  |
| 1.   | The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.                                    | ☐ Yes ⊠ No |  |
| CC.  | Subpart GGGGG - National Emission Standards for Hazardous Air<br>Pollutants: Site Remediation  |            |  |
| 1.   | The application area includes a facility at which a site remediation is conducted.  If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.  | ☐ Yes ⊠ No |  |
| 2.   | The application area is located at a site that is a major source of HAP.  If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.  | Yes No     |  |
| 3.   | All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6).  If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.   | Yes No     |  |
| 4.   | All site remediation activities are complete, and the Administrator has been notified in writing.  If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.  | Yes No     |  |
| 5.   | Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.  If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD. | ☐ Yes ☐ No |  |
| 6.   | The site remediation will be completed within 30 consecutive calendar days.  | ☐ Yes ☐ No |  |
| 7.   | No site remediation will exceed 30 consecutive calendar days.  If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.  | Yes No     |  |
| 8.   | Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.   | Yes No     |  |
| 9.   | All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.  If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.   | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 73)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |     | le 40 Code of Federal Regulations Part 63 - National Emission Standards for zardous Air Pollutants for Source Categories (continued)   |        |  |
|-------|-----|--|--------|--|
|       | CC. | Subpart GGGGG - National Emission Standards for Hazardous Air<br>Pollutants: Site Remediation (continued)  |        |  |
|       | 10. | The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).   | Yes No |  |
|       | 11. | The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).  | Yes No |  |
|       | 12. | The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2).  If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14. | Yes No |  |
|       | 13. | The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.  | Yes No |  |
|       | 14. | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.  If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.  | Yes No |  |
|       | 15. | The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).  | Yes No |  |
|       | 16. | The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).  | Yes No |  |
|       | 17. | The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).  | Yes No |  |
|       | 18. | The application area includes containers with a capacity greater than 0.46 m <sup>3</sup> that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).  | Yes No |  |
|       | 19. | The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).  | Yes No |  |
|       | 20. | The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).  | Yes No |  |
|       | 21. | The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.   | Yes No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 74)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. |     | Fitle 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)   |            |  |
|-------|-----|---|------------|--|
|       | DD. | Subpart YYYYY - National Emission Standards for Hazardous Air<br>Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities   |            |  |
|       | 1.  | The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions.  If the response to Question VIII.DD.1 is "No," go to Section VIII.EE. | ☐ Yes ⊠ No |  |
|       | 2.  | The EAF steelmaking facility is a research and development facility.  If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.  | Yes No     |  |
|       | 3.  | Metallic scrap is utilized in the EAF.  | Yes No     |  |
|       | 4.  | Scrap containing motor vehicle scrap is utilized in the EAF.  | Yes No     |  |
|       | 5.  | Scrap not containing motor vehicle scrap is utilized in the EAF.  | Yes No     |  |
|       | EE. | Subpart BBBBB - National Emission Standards for Hazardous Air<br>Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk<br>Plants and Pipeline Facilities   |            |  |
|       | 1.  | The application area is located at a site that is an area source of HAPs. If the answer to Question EE.1 is "No," go to Section VIII.FF.  | ⊠ Yes □ No |  |
|       | 2.  | The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.  | ☐ Yes ⊠ No |  |
|       | 3.  | The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.  | ☐ Yes ⊠ No |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 75)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII. | Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) |  |            |
|-------|---|--|------------|
|       | EE.   | Subpart BBBBB - National Emission Standards for Hazardous Air<br>Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk<br>Plants and Pipeline Facilities (continued)  |            |
|       | 4.  | The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB.  If the answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.  | ☐ Yes ⊠ No |
|       | 5.  | The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).   | ☐ Yes ☐ No |
|       | 6.  | The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC.  If the answer to Question VIII.EE.6 is "No," go to Section VIII.FF. | ☐ Yes ⊠ No |
|       | 7.  | The bulk gasoline terminal has throughput of less than 250,000 gallons per day.  If the answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.  | Yes No     |
|       | 8.  | The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.  | Yes No     |
|       | 9.  | The bulk gasoline terminal loads gasoline into railcar cargo tanks.  If the answer to Question VIII.EE.9 is "No," go to Section VIII.FF.   | ☐ Yes ☐ No |
|       | 10.   | The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.  | Yes No     |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 76)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| VIII.    |              | 40 Code of Federal Regulations Part 63 - National Emission Standards for rdous Air Pollutants for Source Categories (continued)  |            |  |
|----------|--------------|--|------------|--|
|          | EE.          | Subpart BBBBB - National Emission Standards for Hazardous Air<br>Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk<br>Plants and Pipeline Facilities (continued)  |            |  |
|          | 11.          | The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.  | Yes No     |  |
|          | FF.          | Subpart CCCCC - National Emission Standards for Hazardous Air<br>Pollutants for Source Category: Gasoline Dispensing Facilities  |            |  |
| •        | 1.           | The application area is located at a site that is an area source of hazardous air pollutants.  If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.   | ⊠ Yes □ No |  |
| <b>*</b> | 2.           | The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132.  If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.  | ⊠ Yes □ No |  |
| <b>*</b> | 3.           | The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.   | ⊠ Yes □ No |  |
| •        | 4.           | The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.                                      | ⊠ Yes □ No |  |
|          | GG.          | Recently Promulgated 40 CFR Part 63 Subparts   |            |  |
| •        | 1.           | The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form.  If the response to Question VIII.GG.1 is "No," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions. | ⊠ Yes □ No |  |
| <b>•</b> | 2.           | Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.  |            |  |
| Subp     | Subpart ZZZZ |  |            |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page77)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| IX.      |           | tle 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident<br>evention Provisions  |                  |
|----------|-----------|---|------------------|
|          | Α.        | Applicability   |                  |
| <b>*</b> | 1.        | The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.  | ☐ Yes ⊠ No       |
|          | Х.        | Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone   |                  |
|          | <b>A.</b> | Subpart A - Production and Consumption Controls   |                  |
| <b>*</b> | 1.        | The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.   | ☐ Yes ⊠ No ☐ N/A |
|          | В.        | Subpart B - Servicing of Motor Vehicle Air Conditioners   |                  |
| <b>*</b> | 1.        | Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.                                    | ☐ Yes ⊠ NO       |
|          | C.        | Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances                                 |                  |
| <b>*</b> | 1.        | The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.                  | Yes No N/A       |
|          | D.        | Subpart D - Federal Procurement   |                  |
| <b>*</b> | 1.        | The application area is owned/operated by a department, agency, or instrumentality of the United States.  | Yes No N/A       |
|          | E.        | Subpart E - The Labeling of Products Using Ozone Depleting Substances   |                  |
| <b>*</b> | 1.        | The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer. | ☐ Yes ⊠ No ☐ N/A |
| <b>*</b> | 2.        | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.  | ☐ Yes ⊠ No ☐ N/A |
| <b>♦</b> | 3.        | The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.                   | ☐ Yes ⊠ No ☐ N/A |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 78)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| Х.       |      | Fitle 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)   |                  |
|----------|------|---|------------------|
|          | F.   | Subpart F - Recycling and Emissions Reduction   |                  |
| •        | 1.   | Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.  | ⊠ Yes □ No       |
| •        | 2.   | Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.   | ☐ Yes ⊠ No ☐ N/A |
| <b>*</b> | 3.   | The application area manufactures appliances or refrigerant recycling and recovery equipment.   | Yes No N/A       |
|          | G.   | Subpart G - Significant New Alternatives Policy Program   |                  |
| •        | 1.   | The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound.  If the response to Question X.G.1 is "No" or "N/A," go to Section X.H. | ☐ Yes ⊠ No ☐ N/A |
| <b>*</b> | 2.   | All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).   | Yes No N/A       |
|          | н.   | Subpart H -Halon Emissions Reduction  |                  |
| <b>*</b> | 1.   | Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.   | Yes No N/A       |
| <b>*</b> | 2.   | Disposal of halons or manufacturing of halon blends is conducted in the application area.   | ☐ Yes ⊠ No ☐ N/A |
| XI.      | Misc | ellaneous   |                  |
|          | A.   | Requirements Reference Tables (RRT) and Flowcharts  |                  |
|          | 1.   | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.   | ☐ Yes ⊠ No       |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 79)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| XI.      | Miscellaneous (continued) |   |                  |
|----------|---------------------------|---|------------------|
|          | В.                        | Forms   |                  |
| <b>*</b> | 1.                        | The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form.  If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.  | ☐ Yes ⊠ No ☐ N/A |
| <b>*</b> | 2.                        | Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.  |                  |
|          |                           |   |                  |
|          | C.                        | <b>Emission Limitation Certifications</b>   |                  |
| <b>*</b> | 1.                        | The application area includes units for which federally enforceable emission limitations have been established by certification.  | ☐ Yes ⊠ No       |
|          | D.                        | Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements   |                  |
|          | 1.                        | The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).  | ☐ Yes ⊠ No       |
|          | 2.                        | The application area includes units located at the site that are subject to a site-specific requirement of the SIP.   | ☐ Yes ⊠ No       |
|          | 3.                        | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator.  If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.       | ☐ Yes ⊠ No       |
|          | 4.                        | The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director.  If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application. | ☐ Yes ⊠ No       |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 80)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| XI. | Miscellaneous (continued) |   |            |
|-----|---------------------------|---|------------|
|     | E.                        | Title IV - Acid Rain Program  |            |
|     | 1.                        | The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.  | ☐ Yes ⊠ No |
|     | 2.                        | The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.   | ☐ Yes ⊠ No |
|     | 3.                        | The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.   | ☐ Yes ⊠ No |
|     | F.                        | 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR)<br>NO <sub>X</sub> Ozone Season Group 2 Trading Program  |            |
|     | 1.                        | The application area includes emission units subject to the requirements of the CSAPR NO <sub>X</sub> Ozone Season Group 2 Trading Program.  If the response to Question XI.F.1 is "No," go to Question XI.F.7.                           | ☐ Yes ⊠ No |
|     | 2.                        | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>X</sub> and heat input.  | Yes No     |
|     | 3.                        | The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO <sub>X</sub> , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.       | Yes No     |
|     | 4.                        | The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for $NO_X$ , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | Yes No     |
|     | 5.                        | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR $\S$ 75.19 for NO <sub>X</sub> and heat input.  | Yes No     |
|     | 6.                        | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO <sub>X</sub> and heat input.  | Yes No     |
|     | 7.                        | The application area includes emission units that qualify for the CSAPR NO <sub>X</sub> Ozone Season Group 2 retired unit exemption.  | ☐ Yes ⊠ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 81)

### Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| XI. | Misco | Miscellaneous (continued)  |            |  |
|-----|-------|--|------------|--|
|     | G.    | 40 CFR Part 97, Subpart FFFFF - Texas SO <sub>2</sub> Trading Program  |            |  |
|     | 1.    | The application area includes emission units complying with the requirements of the Texas SO <sub>2</sub> Trading Program.  If the response to Question XI.G.1 is "No," go to Question XI.G.6. | ☐ Yes ⊠ No |  |
|     | 2.    | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO <sub>2</sub> and 40 CFR Part 75, Subpart H for heat input.               | Yes No     |  |
|     | 3.    | The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO <sub>2</sub> and heat input.                     | Yes No     |  |
|     | 4.    | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR $\S$ 75.19 for SO <sub>2</sub> and heat input.           | Yes No     |  |
|     | 5.    | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO <sub>2</sub> and heat input.           | Yes No     |  |
|     | 6.    | The application area includes emission units that qualify for the Texas SO <sub>2</sub> Trading Program retired unit exemption.  | ☐ Yes ⊠ No |  |
|     | Н.    | Permit Shield (SOP Applicants Only)  |            |  |
|     | 1.    | A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.                        | Yes No     |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 82)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| XI.      | Misc | Miscellaneous (continued)  |                  |  |
|----------|------|--|------------------|--|
|          | I.   | GOP Type (Complete this section for GOP applications only)   |                  |  |
| <b>*</b> | 1.   | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.  | Yes No           |  |
| •        | 2.   | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.  | Yes No           |  |
| •        | 3.   | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.   | ☐ Yes ☐ No       |  |
| •        | 4.   | The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County. | Yes No           |  |
| <b>*</b> | 5.   | The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.  | Yes No           |  |
|          | J.   | Title 30 TAC Chapter 101, Subchapter H   |                  |  |
| <b>*</b> | 1.   | The application area is located in a nonattainment area.  If the response to Question XI.J.1 is "No," go to Question XI.J.3.   | ☐ Yes ⊠ No       |  |
| <b>*</b> | 2.   | The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.   | Yes No N/A       |  |
| <b>*</b> | 3.   | The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.  | ☐ Yes ⊠ No ☐ N/A |  |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 83)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

| XI.      | Misco | Miscellaneous (continued)  |            |  |
|----------|-------|--|------------|--|
|          | J.    | Title 30 TAC Chapter 101, Subchapter H (continued)   |            |  |
| •        | 4.    | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>X</sub> .  If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.  | ☐ Yes ⊠ No |  |
| <b>*</b> | 5.    | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of $NO_X$ and is subject to $101.351(c)$ .   | ☐ Yes ⊠ No |  |
|          | 6.    | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.  | ☐ Yes ⊠ No |  |
| •        | 7.    | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.  | ☐ Yes ⊠ No |  |
| <b>*</b> | 8.    | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program. | ☐ Yes ⊠ No |  |
|          | K.    | Periodic Monitoring  |            |  |
| •        | 1.    | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.  If the response to Question XI.K.1 is "Yes," go to Section XI.L.   | ☐ Yes ⊠ No |  |
| <b>*</b> | 2.    | The permit currently contains at least one periodic monitoring requirement. If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.   | ⊠ Yes □ No |  |
| <b>*</b> | 3.    | All periodic monitoring requirements are being removed from the permit with this application.  | ☐ Yes ⊠ No |  |

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 84)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

For GOP applications, answer ONLY these questions unless otherwise directed.

| XI.      | Miscellaneous (continued) |   |            |  |  |
|----------|---------------------------|---|------------|--|--|
|          | L.                        | Compliance Assurance Monitoring   |            |  |  |
| •        | 1.                        | The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source.  If the response to Question XI.L.1 is "No," go to Section XI.M. | ⊠ Yes □ No |  |  |
| <b>*</b> | 2.                        | The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement.  If the response to Question XI.L.2 is "No," go to Section XI.M.   | ⊠ Yes □ No |  |  |
| <b>•</b> | 3.                        | The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.  | ⊠ Yes □ No |  |  |
| <b>*</b> | 4.                        | The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application.  If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.   | ⊠ Yes □ No |  |  |
|          | 5.                        | The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.  | ☐ Yes ⊠ No |  |  |
|          | 6.                        | Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.  |            |  |  |
|          |                           |   |            |  |  |
| <b>♦</b> | 7.                        | At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).   | ☐ Yes ⊠ No |  |  |
| <b>*</b> | 8.                        | All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).  If the response to Question XI.L.8 is "Yes," go to Section XI.M.  | ☐ Yes ⊠ No |  |  |

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 85)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

For GOP applications, answer ONLY these questions unless otherwise directed.

| Misc | cellaneous (continued)   |  |  |  |  |  |
|------|--|--|--|--|--|--|
| L.   | Compliance Assurance Monitoring (continued)  |  |  |  |  |  |
| 9.   | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.   | ⊠ Yes □ No   |  |  |  |  |
| 10.  | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.  | ☐ Yes ⊠ No   |  |  |  |  |
| 11.  | At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.       | ☐ Yes ⊠ No   |  |  |  |  |
| 12.  | The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.   | ⊠ Yes □ No   |  |  |  |  |
| М.   | Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times  |  |  |  |  |  |
| 1.   | The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004.  If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.                        | ☐ Yes ⊠ No ☐ N/A   |  |  |  |  |
| 2.   | All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.   | Yes No   |  |  |  |  |
| New  | Source Review (NSR) Authorizations   |  |  |  |  |  |
| A.   | Waste Permits with Air Addendum  | Waste Permits with Air Addendum  |  |  |  |  |
| 1.   | The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum.  If the response to XII.A.1 is "Yes," include the waste permit numbers and issuance date in Section XII.J. | ☐ Yes ⊠ No   |  |  |  |  |
|      | 10. 11. 12. M. 1. 2. New 3   | <ol> <li>At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.</li> <li>At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.</li> <li>At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.</li> <li>The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.</li> <li>Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times</li> <li>The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.</li> <li>All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.</li> <li>New Source Review (NSR) Authorizations</li> <li>The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum.  If the response to XII.A.1 is "Yes," include the waste permit numbers and</li> </ol> |  |  |  |  |

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 86)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

For GOP applications, answer ONLY these questions unless otherwise directed.

| XII.     | New Source Review (NSR) Authorizations (continued) |  |            |  |  |  |
|----------|--|--|------------|--|--|--|
|          | В.   | Air Quality Standard Permits   |            |  |  |  |
| <b>*</b> | 1.   | The application area includes at least one Air Quality Standard Permit NSR authorization.  | ☐ Yes ⊠ No |  |  |  |
|          |  | If the response to XII.B.1 is "No," go to Section XII.C. If the response to XII.B.1 is "Yes," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate. |            |  |  |  |
| <b>*</b> | 2.   | The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.   | Yes No     |  |  |  |
| <b>♦</b> | 3.   | The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.  | ☐ Yes ☐ No |  |  |  |
| •        | 4.   | The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.  | Yes No     |  |  |  |
| <b>♦</b> | 5.   | The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.  | Yes No     |  |  |  |
| <b>*</b> | 6.   | The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.  | Yes No     |  |  |  |
| •        | 7.   | The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.                                     | Yes No     |  |  |  |
|          | 8.   | The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.   | ☐ Yes ☐ No |  |  |  |
|          | 9.   | The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.  | Yes No     |  |  |  |
|          | 10.  | The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.  | Yes No     |  |  |  |

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 87)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

• For GOP applications, answer ONLY these questions unless otherwise directed.

| XII.     | New S | Source Review (NSR) Authorizations (continued)  |            |
|----------|-------|---|------------|
|          | В.    | Air Quality Standard Permits (continued)  |            |
| <b>*</b> | 11.   | The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.  | Yes No     |
| <b>*</b> | 12.   | The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization.  If the response to XII.B.12 is "No," go to Question XII.B.15. | Yes No     |
| <b>*</b> | 13.   | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.   | Yes No     |
| <b>*</b> | 14.   | For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.   | Yes No     |
| <b>*</b> | 15.   | The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.  | Yes No     |
| <b>♦</b> | 16.   | The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.   | Yes No     |
|          | C.    | Flexible Permits  |            |
|          | 1.    | The application area includes at least one Flexible Permit NSR authorization.   | ☐ Yes ⊠ No |
|          | D.    | Multiple Plant Permits  |            |
|          | 1.    | The application area includes at least one Multi-Plant Permit NSR authorization.  | ☐ Yes ⊠ No |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 88)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

For SOP applications, answer ALL questions unless otherwise directed.

• For GOP applications, answer ONLY these questions unless otherwise directed.

## XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

#### E. PSD Permits and PSD Major Pollutants

| Permit No.  | <b>Issuance Date</b> | Pollutant(s):  | Permit No. | <b>Issuance Date</b> | Pollutant(s): |
|-------------|----------------------|--|------------|----------------------|---------------|
| PSDTX31M2   | 08/21/2024           | PM, PM <sub>10</sub> , PM <sub>2.5</sub> ,<br>NOx, CO, SO <sub>2</sub> |            |                      |               |
| PSDTX441M2  | 09/14/2021           | PM, PM <sub>10</sub> , NOx,<br>CO, SO <sub>2</sub>                     |            |                      |               |
| GHGPSDTX235 | 08/21/2024           | GHG  |            |                      |               |
|             |                      |  |            |                      |               |

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site\_experts.html.

#### F. Nonattainment (NA) Permits and NA Major Pollutants

| Permit No. | <b>Issuance Date</b> | Pollutant(s): | Permit No. | <b>Issuance Date</b> | Pollutant(s): |
|------------|----------------------|---------------|------------|----------------------|---------------|
|            |                      |               |            |                      |               |
|            |                      |               |            |                      |               |
|            |                      |               |            |                      |               |
|            |                      |               |            |                      |               |

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: <a href="https://www.tceq.texas.gov/permitting/air/titlev/site/site\_experts.html">www.tceq.texas.gov/permitting/air/titlev/site/site\_experts.html</a>.

#### G. NSR Authorizations with FCAA § 112(g) Requirements

| NSR Permit No. | Issuance Date | NSR Permit No. | <b>Issuance Date</b> | NSR Permit No | Issuance Date |
|----------------|---------------|----------------|----------------------|---------------|---------------|
|                |               |                |                      |               |               |
|                |               |                |                      |               |               |
|                |               |                |                      |               |               |
|                |               |                |                      |               |               |

### Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 89)

# Federal Operating Permit Program Texas Commission on Environmental Quality

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

- For SOP applications, answer ALL questions unless otherwise directed.
- For GOP applications, answer ONLY these questions unless otherwise directed.
  - XII. NSR Authorizations (continued) (Attach additional sheets if necessary for sections XII.E-J.)
- ♦ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area

| Authorization No. | <b>Issuance Date</b> | Authorization No. | <b>Issuance Date</b> | Authorization No. | <b>Issuance Date</b> |
|-------------------|----------------------|-------------------|----------------------|-------------------|----------------------|
| 4335A             | 08/21/2024           |                   |                      |                   |                      |
| 8434              | 09/14/2021           |                   |                      |                   |                      |
|                   |                      |                   |                      |                   |                      |
|                   |                      |                   |                      |                   |                      |

## ♦ I. Permits by Rule (30 TAC Chapter 106) for the Application Area

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

| PBR No. | Version No./Date | PBR No. | Version No./Date | PBR No. | Version No./Date |
|---------|------------------|---------|------------------|---------|------------------|
| 106.263 | 11/01/2001       |         |                  |         |                  |
| 106.454 | 11/01/2001       |         |                  |         |                  |
| 106.472 | 09/04/2000       |         |                  |         |                  |
| 106.511 | 09/04/2000       |         |                  |         |                  |
| 51      | 09/12/1989       |         |                  |         |                  |
| 51      | 07/20/1992       |         |                  |         |                  |
| 53      | 09/12/1989       |         |                  |         |                  |
|         |                  |         |                  |         |                  |

#### ♦ J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum

| Permit No. | <b>Issuance Date</b> | Permit No. | <b>Issuance Date</b> | Permit No. | <b>Issuance Date</b> |
|------------|----------------------|------------|----------------------|------------|----------------------|
|            |                      |            |                      |            |                      |
|            |                      |            |                      |            |                      |
|            |                      |            |                      |            |                      |
|            |                      |            |                      |            |                      |

## Form OP-REQ2

# Negative Applicable/Superseded Requirement Determinations Texas Commission on Environmental Quality Federal Operating Permit Program

| Date       | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 12/19/2024 | O1108      | RN100219856          |

| Unit AI | Revision No. | Unit/Group/Process<br>ID No. | Unit/Group/Process<br>Applicable Form | Potentially<br>Applicable<br>Regulatory<br>Requirement<br>Name | Negative Applicability<br>Citation | Negative Applicability Reason                        |
|---------|--------------|------------------------------|---------------------------------------|--|------------------------------------|--|
| A       | 2            | KILN-4                       | OP-REQ2                               | NSPS HH  | §60.340(a)                         | Vertical lime kilns are not subject to this subpart. |
| A       | 4            | KILN-5                       | OP-REQ2                               | NSPS HH  | §60.340(a)                         | Vertical lime kilns are not subject to this subpart. |
|         |              |                              |                                       |  |                                    |  |
|         |              |                              |                                       |  |                                    |  |
|         |              |                              |                                       |  |                                    |  |

# Applicable Requirements Summary Form OP-REQ3 (Page 1) Federal Operating Permit Program

**Table 1a: Additions** 

| Date:         | 12/19/2024                         | Regulated Entity No.: | RN100219856        | Permit No.: O1108 |
|---------------|------------------------------------|-----------------------|--------------------|-------------------|
| Company Name: | Lhoist North America of Texas, LLC | Area Name:            | Clifton Lime Plant |                   |

| Revision No. | Unit/Group/Process<br>ID No. | Unit/Group/Process<br>Applicable Form | SOP/GOP<br>Index No. | Pollutant    | Applicable Regulatory<br>Requirement Name | Applicable Regulatory<br>Requirement Standard(s) |
|--------------|------------------------------|---------------------------------------|----------------------|--------------|---|--|
| 1            | KILN-4                       | OP-UA15                               | R151-1               | PM           | Chapter 111                               | § 111.151(a)<br>§ 111.151(c)                     |
| 3            | KILN-5                       | OP-UA15                               | R151-1               | PM           | Chapter 111                               | § 111.151(a)<br>§ 111.151(c)                     |
| 5, 6, 9-16   | GRPTRANSP                    | OP-UA33                               | 60OOO-0014           | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 3<br>\$60.672(b)             |
| 7            | RC-01                        | OP-UA33                               | 60OO-003             | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 4<br>\$60.672(b)             |
| 7            | RC-01                        | OP-UA33                               | 60OO-004             | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 4<br>\$60.672(b)             |
| 7            | RC-01                        | OP-UA33                               | 60OO-005             | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 4<br>\$60.672(b)             |
| 8            | VS-01                        | OP-UA33                               | 60OO-006             | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 3<br>\$60.672(b)             |
| 8            | VS-01                        | OP-UA33                               | 60OO-007             | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 3<br>\$60.672(b)             |
| 8            | VS-01                        | OP-UA33                               | 60OO-008             | PM (OPACITY) | NSPS OOO                                  | \$60.672(b)-Table 3 3<br>\$60.672(b)             |
|              |                              |                                       |                      |              |   |  |

# Applicable Requirements Summary Form OP-REQ3 (Page 2) Federal Operating Permit Program

**Table 1b: Additions** 

| Date:     | 12/19/2024 |                                    | Regulated Entity No.: | RN100219856        | Permit No.: O1108 |
|-----------|------------|------------------------------------|-----------------------|--------------------|-------------------|
| Company I | Name:      | Lhoist North America of Texas, LLC | Area Name:            | Clifton Lime Plant |                   |

| Revision<br>No. | Unit/Group/Process | SOP/GOP Index<br>No. | Pollutant    | Monitoring and Testing<br>Requirements   | Recordkeeping Requirements            | Reporting Requirements                                     |
|-----------------|--------------------|----------------------|--------------|--|---------------------------------------|--|
| 1               | KILN-4             | R151-1               | PM           | ** See CAM   | None                                  | None   |
| 3               | KILN-5             | R151-1               | PM           | ** See CAM   | None                                  | None   |
| 5, 6, 9-16      | GRPTRANSP          | 60000-0014           | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g)  | None                                  | \$60.675(g)<br>\$60.676(f), [G](i), (k),<br>[G]\$60.676(g) |
| 7               | RC-01              | 60OO-003             | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g),<br>\$60.674(b)<br>\$60.675(c)(1)(iii)                       | \$60.674(b), (b)(2)<br>\$60.676(b)(1) | §60.675(g)<br>§60.676(f), [G](i), (k)                      |
| 7               | RC-01              | 60OO-004             | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g),<br>\$60.674(b)<br>\$60.675(c)(1)(iii),<br>[G]\$60.674(b)(1) | \$60.674(b), (b)(2)<br>\$60.676(b)(1) | \$60.675(g)<br>\$60.676(f), [G](i), (k)                    |
| 7               | RC-01              | 60OO-005             | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g)  | None                                  | \$60.675(g)<br>\$60.676(f), [G](i), (k)                    |

# Applicable Requirements Summary Form OP-REQ3 (Page 2) Federal Operating Permit Program

**Table 1b: Additions** 

| Date:   | 12/19/2024 |                                    | Regulated Entity No.: | RN100219856        | Permit No.: O1108 |
|---------|------------|------------------------------------|-----------------------|--------------------|-------------------|
| Company | y Name:    | Lhoist North America of Texas, LLC | Area Name:            | Clifton Lime Plant | •                 |

| Revision<br>No. | Unit/Group/Process | SOP/GOP Index<br>No. | Pollutant    | Monitoring and Testing<br>Requirements   | Recordkeeping Requirements          | Reporting Requirements                                  |
|-----------------|--------------------|----------------------|--------------|--|-------------------------------------|---|
| 8               | VS-01              | 60OOO-006            | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g),<br>\$60.674(b)<br>\$60.675(c)(1)(iii)                       | §60.674(b), (b)(2)<br>§60.676(b)(1) | §60.675(g)<br>§60.676(f), [G](i), (k),<br>[G]§60.676(g) |
| 8               | VS-01              | 60OO-007             | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g),<br>\$60.674(b)<br>\$60.675(c)(1)(iii),<br>[G]\$60.674(b)(1) | §60.674(b), (b)(2)<br>§60.676(b)(1) | §60.675(g)<br>§60.676(f), [G](i), (k),<br>[G]§60.676(g) |
| 8               | VS-01              | 60OOO-008            | PM (OPACITY) | \$60.675(a), (c)(1)<br>\$60.675(c)(1)(i)-(ii)<br>\$60.675(c)(3), [G](e)(2)<br>\$60.675(g)  | None                                | §60.675(g)<br>§60.676(f), [G](i), (k),<br>[G]§60.676(g) |
|                 |                    |                      |              |  |                                     |   |

# 7. FORM OP-MON

# Texas Commission on Environmental Quality Monitoring Requirements Form OP-MON (Page 1) Federal Operating Permit Program

Table 1a: CAM/PM Additions

| I. Identifying Information               |                            |                      |                |  |
|--|----------------------------|----------------------|----------------|--|
|  |                            |                      |                |  |
| Account No.: BJ0001T                     |                            |                      | CN: 605752088  |  |
| Permit No.: O1108                        |                            | Project No.: TBD     |                |  |
| Area Name: Clifton Lime Plant            |                            |                      |                |  |
| Company Name: Lhoist North America of    | Texas, LLC                 |                      |                |  |
| II. Unit/Emission Point/Group/Proces     | s Informatio               | on                   |                |  |
| Revision No.: 1                          |                            |                      |                |  |
| Unit/EPN/Group/Process ID No.: KILN-4    |                            |                      |                |  |
| Applicable Form: OP-UA15                 |                            |                      |                |  |
| III. Applicable Regulatory Requirement   | nt                         |                      |                |  |
| Name: 30 TAC Chapter 111                 |                            |                      |                |  |
| SOP/GOP Index No.: R151-1                |                            |                      |                |  |
| Pollutant: PM                            |                            |                      |                |  |
| Main Standard: §111.151(a)               | Main Standard: §111.151(a) |                      |                |  |
| IV. Title V Monitoring Information       |                            |                      |                |  |
| Monitoring Type: CAM                     |                            |                      |                |  |
| Unit Size: SM                            |                            |                      |                |  |
| CAM/PM Option No.: CAM-FF-002            |                            |                      |                |  |
| Deviation Limit: Minimum Pressure Drop = | : 1 in. H2O, N             | Maximum Pressure Dro | p = 10 in. H2O |  |
| CAM/PM Option No.:                       |                            |                      |                |  |
| Deviation Limit:                         |                            |                      |                |  |
| V. Control Device Information            |                            |                      |                |  |
| Control Device ID No.: K4-0              |                            |                      |                |  |
| Control Device Type: FABFLT              |                            |                      |                |  |

# Texas Commission on Environmental Quality Monitoring Requirements Form OP-MON (Page 1) Federal Operating Permit Program

Table 1a: CAM/PM Additions

| I. Identifyi   | ing Information             | T                 |               |
|--|-----------------------------|-------------------|---------------|
| Account No.:   | BJ0001T                     | RN No.: 100219856 | CN: 605752088 |
| Permit No.: O  | 1108                        | Project           | No.: TBD      |
| Area Name: C   | lifton Lime Plant           |                   |               |
| Company Nan  | ne: Lhoist North America of | Texas, LLC        |               |
| II. Unit/Em  | ission Point/Group/Proces   | ss Information    |               |
| Revision No.:  | 3                           |                   |               |
| Unit/EPN/Grou  | up/Process ID No.: KILN-5   |                   |               |
| Applicable For   | rm: OP-UA15                 |                   |               |
| III. Applical  | ble Regulatory Requireme    | ent               |               |
| Name: 3  | 30 TAC Chapter 111          |                   |               |
| SOP/GOP Ind  | ex No.: R151-1              |                   |               |
| Pollutant: PM  |                             |                   |               |
| Main Standard  | d: §111.151(a)              |                   |               |
| IV. Title V N  | Monitoring Information      |                   |               |
| Monitoring Typ   | pe: CAM                     |                   |               |
| Unit Size: SM  |                             |                   |               |
| CAM/PM Option No.: CAM-FF-002  |                             |                   |               |
| Deviation Limit: Minimum Pressure Drop = 1 in. H2O, Maximum Pressure Drop = 10 in. H2O |                             |                   |               |
| CAM/PM Option  | on No.:                     |                   |               |
| Deviation Limit:   |                             |                   |               |
| V. Control Device Information  |                             |                   |               |
| Control Device   | ∍ ID No.: K5-0              |                   |               |
|  |                             |                   |               |

Control Device Type: FABFLT

# 8. FORM OP-PBRSUP

# Texas Commission on Environmental Quality Permit By Rule Supplemental Table (Page 1)

Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area

| Date       | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 12/19/2024 | O1108         | RN100219856             |

| Unit ID No.        | Registration No.  | PBR No.            | Registration Date   |
|--------------------|-------------------|--------------------|---------------------|
| <del>DC 1692</del> | <del>171715</del> | <del>106.144</del> | <del>3/1/2023</del> |
| <del>DC-10A</del>  | <del>171715</del> | <del>106.262</del> | <del>3/1/2023</del> |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |
|                    |                   |                    |                     |

# Texas Commission on Environmental Quality Permit By Rule Supplemental Table (Page 2)

Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area

| Date       | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 12/19/2024 | O1108         | RN100219856             |

| Unit ID No. | PBR No. | Version No./Date |
|-------------|---------|------------------|
| TANK-1      | 51      | 9/12/1989        |
| TANK-2      | 51      | 7/20/1992        |
| GASLOAD     | 53      | 9/12/1989        |
| MSSFUG      | 106.263 | 11/1/2001        |
| DEGREASE    | 106.454 | 11/1/2001        |
| OTHLOAD     | 106.472 | 9/4/2000         |
| ENG-1       | 106.511 | 9/4/2000         |
| ENG-2       | 106.511 | 9/4/2000         |
|             |         |                  |
|             |         |                  |
|             |         |                  |
|             |         |                  |
|             |         |                  |
|             |         |                  |
|             |         |                  |

# Texas Commission on Environmental Quality Permit By Rule Supplemental Table (Page 3)

Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area

| Date       | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 12/19/2024 | O1108         | RN100219856             |

| PBR No. | Version No./Date |
|---------|------------------|
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |
|         |                  |

# Texas Commission on Environmental Quality Permit By Rule Supplemental Table (Page 4)

Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area

| Date       | Permit Number | Regulated Entity Number |
|------------|---------------|-------------------------|
| 12/19/2024 | O1108         | RN100219856             |

| Unit ID No.        | PBR No.            | Version No./Date or<br>Registration No. | Monitoring Requirement   |
|--------------------|--------------------|---|--|
| <del>DC 1692</del> | <del>106.144</del> | <del>171715</del>                       | Vents are inspected for visible emissions once per quarter.                                  |
| DC 10A             | <del>106.262</del> | <del>171715</del>                       | Vents are inspected for visible emissions once per quarter.                                  |
| TANK-1             | 51                 | 9/12/1989                               | Record material stored in tank. Maintain a copy of SDS on file.                              |
| TANK-2             | 51                 | 7/20/1992                               | Record material stored in tank. Maintain a copy of SDS on file.                              |
| GASLOAD            | 53                 | 9/12/1989                               | Record material stored in tank. Record quantity of material added to tank for each delivery. |
| MSSFUG             | 106.263            | 11/1/2001                               | Record information required by 106.263(g) for all MSS activities authorized by this PBR.     |
| DEGREASE           | 106.454            | 11/1/2001                               | Maintain a copy of solvent SDS on file.  |
| OTHLOAD            | 106.472            | 9/4/2000                                | Record material stored in tank. Maintain a copy of SDS on file.                              |
| ENG-1              | 106.511            | 9/4/2000                                | Facility will monitor operating hours (emergency and non-emergency).                         |
| ENG-2              | 106.511            | 9/4/2000                                | Facility will monitor operating hours (emergency and non-emergency).                         |

# 9. FORM OP-CRO1

# Form OP-CRO1 Certification by Responsible Official Federal Operating Permit Program Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

| I. Identifying Information                      |   |
|---|---|
| RN: 100219856                                   |   |
| CN: 605752088                                   |   |
| Account No.: BJ-0001-T                          |   |
| Permit No.: O3636                               |   |
| Project No.: TBD                                |   |
| Area Name: Clifton Lime Plant                   |   |
| Company Name: Lhoist North America of Texas, Ll | _C  |
| II. Certification Type (Please mark appropria   | ate box)  |
| X Responsible Official Representative           | Duly Authorized Representative                    |
| III. Submittal Type (Please mark appropriate    | box) (Only one response can be accepted per form) |
| SOP/TOP Initial Permit Application              | Permit Revision, Renewal, or Reopening            |
| GOP Initial Permit Application                  | Update to Permit Application                      |
| Other:  |   |

## Form OP-CRO1

# Certification by Responsible Official Federal Operating Permit Program Texas Commission on Environmental Quality

| IV. Certification of Truth   |   |                       |                               |  |
|--|---|-----------------------|-------------------------------|--|
| This certification does not extend to in   | nformation which is des                         | ignated by TCEQ as in | formation for reference only. |  |
| I, Sam Wells   | certify that I am the Responsible Official (RO) |                       |                               |  |
| (Certifier Name printed  |   |                       | (RO or DAR)                   |  |
| and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:  Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s). |   |                       |                               |  |
| Time Period: From  | tc  | )                     |                               |  |
|  | (Start Date)                                    |                       | (End Date)                    |  |
| Specific Dates: <u>12/19/2024</u>  |   |                       |                               |  |
| (Date 1)   | (Date 2)  | (Date 3)              | (Date 4)                      |  |
| (Date 5)   | _   | (Date 6)              |                               |  |
| Signature: Signed and Submitted in S   | STEERS  | Signature Date:       |                               |  |
| Plant Manager Title:   |   |                       |                               |  |

# 10. PUBLIC INVOLVEMENT PLAN FORM



# Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

| Section 1. Preliminary Screening   |
|--|
| New Permit or Registration Application  New Activity – modification, registration, amendment, facility, etc. (see instructions)  |
| If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.   |
|  |
| Section 2. Secondary Screening   |
| Requires public notice,  |
| Considered to have significant public interest, <u>and</u>   |
| Located within any of the following geographical locations:  |
| <ul> <li>Austin</li> <li>Dallas</li> <li>Fort Worth</li> <li>Houston</li> <li>San Antonio</li> <li>West Texas</li> <li>Texas Panhandle</li> <li>Along the Texas/Mexico Border</li> <li>Other geographical locations should be decided on a case-by-case basis</li> </ul> |
| If all the above boxes are not checked, a Public Involvement Plan is not necessary.  Stop after Section 2 and submit the form.   |
| Public Involvement Plan not applicable to this application. Provide <b>brief</b> explanation.  |
| The application area is not located within one of the specified geographical locations.  |

TCEQ-20960 (02-09-2023)

| Section 3. Application Information   |
|--|
| Type of Application (check all that apply):  Air   |
| Texas Pollutant Discharge Elimination System (TPDES)   |
| Texas Land Application Permit (TLAP)   |
| State Only Concentrated Animal Feeding Operation (CAFO)  |
| Water Treatment Plant Residuals Disposal Permit  |
| Class B Biosolids Land Application Permit  |
| Domestic Septage Land Application Registration   |
| Water Rights New Permit  New Appropriation of Water  New or existing reservoir  Amendment to an Existing Water Right  Add a New Appropriation of Water  Add a New or Existing Reservoir  Major Amendment that could affect other water rights or the environment |
|  |
| Section 4. Plain Language Summary  Provide a brief description of planned activities.  |
|  |

| Section 5. Community and Demographic Information  |
|---|
| Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.                                   |
| Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information. |
| language notice is necessary. Freuse provide the ronowing information.  |
| (City)  |
| (County)  |
|   |
| (Census Tract) Please indicate which of these three is the level used for gathering the following information.  City  Census Tract                                    |
| (a) Percent of people over 25 years of age who at least graduated from high school  |
|   |
| (b) Per capita income for population near the specified location  |
| (c) Percent of minority population and percent of population by race within the specified location  |
|   |
| (d) Percent of Linguistically Isolated Households by language within the specified location   |
|   |
| (e) Languages commonly spoken in area by percentage   |
|   |
| (f) Community and/or Stakeholder Groups   |
|   |
| (g) Historic public interest or involvement   |
|   |
|   |

| Section 6. Planned Public Outreach Activities   |
|---|
| (a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?  Yes No   |
| (b) If yes, do you intend at this time to provide public outreach other than what is required by rule?  Yes No  If Yes, please describe.  |
| If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.  |
| (c) Will you provide notice of this application in alternative languages?   |
| Yes No  |
| Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language. |
| If yes, how will you provide notice in alternative languages?   |
| Publish in alternative language newspaper   |
| Posted on Commissioner's Integrated Database Website  |
| Mailed by TCEQ's Office of the Chief Clerk  |
| Other (specify)   |
| (d) Is there an opportunity for some type of public meeting, including after notice?  |
| Yes No  |
| (e) If a public meeting is held, will a translator be provided if requested?  |
| Yes No  (f) Hard copies of the application will be available at the following (check all that apply):   |
| (f) Hard copies of the application will be available at the following (check all that apply):  TCEQ Regional Office  TCEQ Central Office  |
| Public Place (specify)  |
| Tublic Frace (specify)  |
| Section 7. Voluntary Submittal  |
| For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.   |
| Will you provide notice of this application, including notice in alternative languages?   |
| Yes No What types of notice will be provided?   |
|   |
| Publish in alternative language newspaper  Posted on Commissioner's Integrated Database Website   |
| Posted on Commissioner's Integrated Database Website  Mailed by TCFO's Office of the Chief Clerk  |
| Mailed by TCEQ's Office of the Chief Clerk  Other (specify)   |
| Li other (specify)  |
|   |

TCEQ-20960 (02-09-2023) Page 4 of 4