



September 16, 2025

**E-MAIL RESPONSE**

Texas Commission on Environmental Quality  
ATTN: Mr. Tusar Swami  
Air Permits Division, MC-163  
P.O. Box 13087  
Austin, TX 78711-3087

**The Dow Chemical Company, CN600356976**  
**Site Functions 3, RN100225945**  
**Title V Operating Permit WDP Response for Site Functions 3, O2219**  
**TCEQ Project Number: 38068**

Dear Ms. Maus,

The Dow Chemical Company (Dow) is providing comments on the Working Draft Permit (WDP) provided on September 9, 2025.

Please do not hesitate to contact me at (979) 238-1742 or [cschmidt6@dow.com](mailto:cschmidt6@dow.com) if you require additional information regarding this submittal.

Sincerely,

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager

enclosure

## **Working Draft Permit Comments**

Dow has no comments on the Working Draft Permit (WDP) at this time.

**From:** Schmidt, Crystal (C) <cschmidt6@dow.com>  
**Sent:** Tuesday, September 16, 2025 2:42 PM  
**To:** Tusar Swami  
**Subject:** RE: Working Draft Permit -- FOP O2219/Project 38068  
**Attachments:** 2025-09-16\_WDP\_Response\_O2219.pdf

Tusar,

Please see our attached response and let me know if you have any questions. Thanks!

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager  
The Dow Chemical Company  
332 SH 332 E  
cell phone: 409.392.5054  
phone: 979.238.1742 | email: [cschmidt6@dow.com](mailto:cschmidt6@dow.com)



General Business

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**From:** Tusar Swami <tusar.swami@tceq.texas.gov>  
**Sent:** Tuesday, September 9, 2025 7:25 PM  
**To:** Schmidt, Crystal (C) <cschmidt6@dow.com>  
**Subject:** Working Draft Permit -- FOP O2219/Project 38068, The Dow Chemical Company/Dow Texas Freeport Operations - Respond by 9/19/2025

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Crystal:

I have conducted a technical review of minor *revision* application for The Dow Chemical Company/Dow Texas Freeport Operations. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application dated April 22, 2025, and any updates provided.

Please review the WDP and submit to me any comments you have on the working draft permit by **September 19, 2025**. There are only two changes

(1) Special Terms and Condition No. 16 – New date April 22, 2025 and Project 38068 for PBR Supplemental Table – page 11

(2) PBR 106.221/09/04.2000 is added to the New Source Review Authorization References Table – page 315

Rest of the permit is unchanged.

Please review the second portion of the “SOP Technical Review Fact Sheet” located at [http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/sop\\_wdp\\_facsheet.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_facsheet.pdf). This guidance contains important information regarding WDP review and comment procedures.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified application information, including application updates supporting the WDP comments, is required. After final review of the WDP, additional changes supported by application updates may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that was not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

**As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov) and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).**

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit. Thank you for your cooperation.

Sincerely,

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality  
OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400  
Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)



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at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

**From:** Tusar Swami  
**Sent:** Thursday, July 31, 2025 3:44 PM  
**To:** Schmidt, Crystal (C)  
**Subject:** Technical Review -- FOP O2219/Project 38060, The Dow Chemical Company Name/Dow Texas Operations Freeport/Site Functions 3

Crystal:

Good afternoon. I have been assigned to the Federal Operating Permit (FOP) initial minor revision application of Permit No. O2219 for The Dow Chemical Company Name/Dow Texas Operations Freeport/Site Functions 3. This application has been assigned Project No. 38060. Please address all correspondence pertaining to this permit application dated April 22, 2025

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

**As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov) and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).**

Please review the “SOP Technical Review Fact Sheet” located at [http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/sop\\_wdp\\_facsheet.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_facsheet.pdf). This guidance contains important information regarding the review process and

application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality**

**OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)



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at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

## Texas Commission on Environmental Quality

Title V Existing

2219

### Site Information (Regulated Entity)

|                                                       |                                         |
|-------------------------------------------------------|-----------------------------------------|
| What is the name of the permit area to be authorized? | SITE FUNCTIONS 3                        |
| Does the site have a physical address?                | Yes                                     |
| Physical Address                                      |                                         |
| Number and Street                                     | 2301 N BRAZOSPORT BLVD                  |
| City                                                  | FREEPORT                                |
| State                                                 | TX                                      |
| ZIP                                                   | 77541                                   |
| County                                                | BRAZORIA                                |
| Latitude (N) (##.#####)                               | 28.986666                               |
| Longitude (W) (-###.#####)                            | 95.382222                               |
| Primary SIC Code                                      | 2869                                    |
| Secondary SIC Code                                    |                                         |
| Primary NAICS Code                                    | 325199                                  |
| Secondary NAICS Code                                  |                                         |
| Regulated Entity Site Information                     |                                         |
| What is the Regulated Entity's Number (RN)?           | RN100225945                             |
| What is the name of the Regulated Entity (RE)?        | DOW TEXAS OPERATIONS FREEPORT           |
| Does the RE site have a physical address?             | Yes                                     |
| Physical Address                                      |                                         |
| Number and Street                                     | 2301 N BRAZOSPORT BLVD                  |
| City                                                  | FREEPORT                                |
| State                                                 | TX                                      |
| ZIP                                                   | 77541                                   |
| County                                                | BRAZORIA                                |
| Latitude (N) (##.#####)                               | 28.9825                                 |
| Longitude (W) (-###.#####)                            | -95.352777                              |
| Facility NAICS Code                                   |                                         |
| What is the primary business of this entity?          | INDUSTRIAL CHEMICAL MANUFACTURING PLANT |

### Customer (Applicant) Information

|                                                  |                          |
|--------------------------------------------------|--------------------------|
| How is this applicant associated with this site? | Owner Operator           |
| What is the applicant's Customer Number (CN)?    | CN600356976              |
| Type of Customer                                 | Corporation              |
| Full legal name of the applicant:                |                          |
| Legal Name                                       | The Dow Chemical Company |
| Texas SOS Filing Number                          | 1216206                  |
| Federal Tax ID                                   | 381285128                |
| State Franchise Tax ID                           | 13812851288              |

|                                   |          |
|-----------------------------------|----------|
| State Sales Tax ID                |          |
| Local Tax ID                      |          |
| DUNS Number                       | 84970516 |
| Number of Employees               | 251-500  |
| Independently Owned and Operated? |          |

## Responsible Official Contact

Person TCEQ should contact for questions about this application:

|                                                              |                              |
|--------------------------------------------------------------|------------------------------|
| Organization Name                                            | THE DOW CHEMICAL COMPANY     |
| Prefix                                                       | DR                           |
| First                                                        | MIKE                         |
| Middle                                                       |                              |
| Last                                                         | TILSTON                      |
| Suffix                                                       |                              |
| Credentials                                                  |                              |
| Title                                                        | SENIOR R&D AND TS&D DIRECTOR |
| Enter new address or copy one from list:                     |                              |
| Mailing Address                                              |                              |
| Address Type                                                 | Domestic                     |
| Mailing Address (include Suite or Bldg. here, if applicable) | 230 ABNER JACKSON PKWY       |
| Routing (such as Mail Code, Dept., or Attn:)                 | 2B195                        |
| City                                                         | LAKE JACKSON                 |
| State                                                        | TX                           |
| ZIP                                                          | 77566                        |
| Phone (###-###-####)                                         | 9792382186                   |
| Extension                                                    |                              |
| Alternate Phone (###-###-####)                               |                              |
| Fax (###-###-####)                                           | 9792382186                   |
| E-mail                                                       | TXLES@dow.com                |

## Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Organization Name                       | FRAN FALCON(THE DOW CHEMICA... )          |
| Prefix                                  | THE DOW CHEMICAL COMPANY                  |
| First                                   | MS                                        |
| Middle                                  | FRAN                                      |
| Last                                    | FALCON                                    |
| Suffix                                  |                                           |
| Credentials                             |                                           |
| Title                                   | EH&S REGIONAL LEVERAGED DELIVERY DIRECTOR |
| Enter new address or copy one from list |                                           |
| Mailing Address                         |                                           |
| Address Type                            | Domestic                                  |

Mailing Address (include Suite or Bldg. here, if applicable)  
Routing (such as Mail Code, Dept., or Attn:)  
City  
State  
Zip  
Phone (###-###-####)  
Extension  
Alternate Phone (###-###-####)  
Fax (###-###-####)  
E-mail

2301 N BRAZOSPORT BLVD  
  
APB BLDG  
FREEPORT  
TX  
77541  
9792389978  
  
9792380317  
fqfalcon@dow.com

## Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

CRYSTAL SCHMIDT(THE DOW CHEMICA... )

Organization Name

THE DOW CHEMICAL COMPANY

Prefix

MRS

First

CRYSTAL

Middle

Last

SCHMIDT

Suffix

Credentials

Title

AIR PERMIT MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

332 HIGHWAY 332 E

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

City

LAKE JACKSON

State

TX

ZIP

77566

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

4093925054

Extension

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

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

E-mail

cschmidt6@dow.com

## Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

28 Deg 59 Min 12 Sec

3) Permit Longitude Coordinate:

95 Deg 22 Min 56 Sec

4) Is this submittal a new application or an update to an existing application?

New Application

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

Streamlined Revision

4.1.1. Are there any permits that should be voided upon issuance of this permit application

No

through permit conversion?

4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?

No

5) Who will electronically sign this Title V application?

Duly Authorized Representative

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?

No

## Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

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=252819>2025-04-22\_Minor\_Revision\_O2219.pdf</a>

Hash

76A184B396CA3171AAB1E11D9360B228D97BA69A276E31E02877F8C4640F3C2D

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 Duly Authorized Representative 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 Fran Q Falcon, the owner of the STEERS account ER028176.
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 2219.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Fran Q Falcon OWNER OPERATOR

|                                      |                                                                   |
|--------------------------------------|-------------------------------------------------------------------|
| Account Number:                      | ER028176                                                          |
| Signature IP Address:                | 165.225.32.248                                                    |
| Signature Date:                      | 2025-04-23                                                        |
| Signature Hash:                      | 47028DDAF3697FA5C70F77C16A06E50F53CC1EEEEAEF487D89AB53CE34D67B713 |
| Form Hash Code at time of Signature: | 673FB2CEEE872F4AAAAA23C5F4EE8A94F07BB814D8ADB50BB7961F2698F70429  |

## Submission

|                      |                                                              |
|----------------------|--------------------------------------------------------------|
| Reference Number:    | The application reference number is 780525                   |
| Submitted by:        | The application was submitted by ER028176/Fran Q Falcon      |
| Submitted Timestamp: | The application was submitted on 2025-04-23 at 14:13:21 CDT  |
| Submitted From:      | The application was submitted from IP address 165.225.32.248 |
| Confirmation Number: | The confirmation number is 648469                            |
| Steers Version:      | The STEERS version is 6.90                                   |
| Permit Number:       | The permit number is 2219                                    |

## Additional Information

Application Creator: This account was created by Crystal Schmidt



April 22, 2025

*Electronic Submittal via ePermits*

TCEQ Air Permits Initial Review Team (APIRT), MC-161  
P.O. Box 13087  
Austin, TX 78711-3087

**The Dow Chemical Company, CN600356976**  
**Dow Texas Operations, RN100225945**  
**Site Functions 3 – Title V Operating Permit O2219**  
**Permit Minor Revision Application**

Dear APIRT Team Leader,

The Dow Chemical Company is submitting the Title V Operating Permit O2219 Minor Revision Application for the Site Functions 3 facility located in Brazoria County, Texas in accordance with 30 TAC Chapter 122, Subchapter, C §122.215, §122.216, and §122.217.

For future correspondence regarding this minor revision application, I can be contacted at (979) 238-1742 or [cschmidt6@dow.com](mailto:cschmidt6@dow.com).

Sincerely,

*Crystal Schmidt*

Crystal Schmidt  
Air Permit Manager

enclosure

cc:

US EPA Region 6  
TCEQ Air Section Manager, Region 12  
Brazoria County Environmental Health Director

R6AirPermitsTX@epa.gov  
R12apdmail@tceq.texas.gov  
jodie@brazoria-county.com

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 1  
Texas Commission on Environmental Quality**

|                                                                                                                                                                                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Date: <b>April 22, 2025</b>                                                                                                                                                           |  |
| Permit No.: <b>O2219</b>                                                                                                                                                              |  |
| Regulated Entity No.: <b>RN100225945</b>                                                                                                                                              |  |
| Company Name: <b>The Dow Chemical Company</b>                                                                                                                                         |  |
| For Submissions to EPA                                                                                                                                                                |  |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span> |  |
| <b>I. Application Type</b>                                                                                                                                                            |  |
| Indicate the type of application:                                                                                                                                                     |  |
| <input type="checkbox"/> Renewal                                                                                                                                                      |  |
| <input checked="" type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)                                            |  |
| <input type="checkbox"/> Significant Revision                                                                                                                                         |  |
| <input type="checkbox"/> Revision Requesting Prior Approval                                                                                                                           |  |
| <input type="checkbox"/> Administrative Revision                                                                                                                                      |  |
| <input type="checkbox"/> Response to Reopening                                                                                                                                        |  |
| <b>II. Qualification Statement</b>                                                                                                                                                    |  |
| For SOP Revisions Only <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>                                                                    |  |
| For GOP Revisions Only <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>                                                                    |  |

**Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2-Table 1 (continued)  
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 pollutants for which the site is a major source based on the site's potential to emit:  
(Check the appropriate box[es].)

☒ VOC                      ☒ NO<sub>x</sub>                      ☒ SO<sub>2</sub>                      ☒ PM<sub>10</sub>                      ☒ CO                      ☐ Pb                      ☒ HAP

Other:

**IV. Reference Only Requirements (For reference only)**

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 paid in accordance with the Delinquent Fee and penalty protocol.

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Application for Permit Revision/Renewal  
Form OP-2 – Table 2**

| <b>Date:</b>                      | April 22, 2025           |                    |                          |                   |                   |                                                                                                                                                                                                                                                                          |
|-----------------------------------|--------------------------|--------------------|--------------------------|-------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Permit No.:</b>                | O2219                    |                    |                          |                   |                   |                                                                                                                                                                                                                                                                          |
| <b>Regulated Entity No.:</b>      | RN100225945              |                    |                          |                   |                   |                                                                                                                                                                                                                                                                          |
| <b>Company Name:</b>              | The Dow Chemical Company |                    |                          |                   |                   |                                                                                                                                                                                                                                                                          |
| <b>I. Description of Revision</b> |                          |                    |                          |                   |                   |                                                                                                                                                                                                                                                                          |
| Revision No.                      | Revision Code            | Unit/Group Process |                          |                   | NSR Authorization | Description of change and Provisional Terms and Conditions                                                                                                                                                                                                               |
|                                   |                          | New Unit           | ID No.                   | Applicable Form   |                   |                                                                                                                                                                                                                                                                          |
| 1                                 | MS-C                     | NO                 | N/A                      | OP-REQ1 (Page 89) | N/A               | Please add PBR 106.221/09/04/2000 to the list of authorizations for this Title V Permit.                                                                                                                                                                                 |
| 2                                 | MS-C                     | NO                 | B1607CT3LE<br>B20457LBFL | OP-PBRSUP         | N/A               | Please update the PBR Supplemental Table to include any changes that have been made since the permit was last revised in January 2025 (Project #36380).<br><br>Please update the authorizations for these units on the Form OP-SUMR to match the PBR Supplemental Table. |

**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. |
|----------------|------------|----------------------|
| April 22, 2025 | O2221      | RN100225945          |

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. | Issuance Date | Authorization No. | Issuance Date | Authorization No. | Issuance Date |
|-------------------|---------------|-------------------|---------------|-------------------|---------------|
| 20195             | 05/22/2017    |                   |               |                   |               |
| 20775             | 09/16/2022    |                   |               |                   |               |
| 20996             | 11/29/2017    |                   |               |                   |               |
| 37290             | 12/04/2017    |                   |               |                   |               |

◆ **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 |
|----------------|-------------------|---------|------------------|---------|------------------|
| 106.122        | 09/04/2000        | 106.262 | 03/14/1997       | 106.452 | 09/04/2000       |
| 106.123        | 09/04/2000        | 106.262 | 09/04/2000       | 106.454 | 11/01/2001       |
| 106.124        | 03/14/1997        | 106.262 | 11/01/2003       | 106.472 | 09/04/2000       |
| 106.124        | 09/04/2000        | 106.263 | 11/01/2001       | 106.476 | 09/04/2000       |
| <b>106.221</b> | <b>09/04/2000</b> | 106.264 | 09/04/2000       |         |                  |
| 106.261        | 03/14/1997        | 106.265 | 09/04/2000       |         |                  |
| 106.261        | 09/04/2000        | 106.371 | 09/04/2000       |         |                  |
| 106.261        | 11/01/2003        | 106.433 | 09/04/2000       |         |                  |

◆ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum**

| Permit No. | Issuance Date | Permit No. | Issuance Date | Permit No. | Issuance Date |
|------------|---------------|------------|---------------|------------|---------------|
|            |               |            |               |            |               |
|            |               |            |               |            |               |
|            |               |            |               |            |               |
|            |               |            |               |            |               |

**Permit By Rule Supplemental Table (Page 1)**  
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

| Date           | Permit Number | Regulated Entity Number |
|----------------|---------------|-------------------------|
| April 22, 2025 | O2219         | RN100225945             |

| Unit ID No.                                                                                   |                                                                             | Registration No. | PBR No.                                  | Registration Date |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------|------------------------------------------|-------------------|
| B1607LABO                                                                                     |                                                                             | 120773           | 106.262/11/01/2003<br>106.433/09/04/2000 | 07/29/2014        |
| B16075LLCD                                                                                    |                                                                             | 140229           | 106.262/11/01/2003                       | 07/15/2016        |
| B1608S008                                                                                     |                                                                             | 53903            | 106.261/09/04/2000                       | 01/24/2003        |
| B1608S009                                                                                     |                                                                             | 53905            | 106.261/09/04/2000                       | 01/24/2003        |
| B3814FU1<br>B3814RX216<br>B3814SD514                                                          | B3814ST906<br>PROB3814                                                      | 83031            | 106.261/11/01/2003<br>106.262/11/01/2003 | 07/09/2018        |
| B3826FU01<br>B3826RX216<br>B3826RX218<br>B3826ST301<br>B3826ST801<br>B3826ST802<br>B3826ST804 | B3826ST906<br>B3826ST411<br>B3826ST413<br>B3826T802<br>B3826UL1<br>PROB3826 | 70945            | 106.261/11/01/2003<br>106.262/11/01/2003 | 03/09/2018        |
| PROB3826                                                                                      |                                                                             | 77521            | 106.261/11/01/2003<br>106.262/11/01/2003 | 12/16/2005        |
| B3826FU01                                                                                     |                                                                             | 105570           | 106.261/11/01/2003<br>106.262/11/01/2003 | 12/27/2012        |

**Permit By Rule Supplemental Table (Page 1)**  
**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

| Date           | Permit Number | Regulated Entity Number |
|----------------|---------------|-------------------------|
| April 22, 2025 | O2219         | RN100225945             |

| Unit ID No. | Registration No. | PBR No.                                  | Registration Date |
|-------------|------------------|------------------------------------------|-------------------|
| PROB3826    | 129373           | 106.261/11/01/2003                       | 02/09/2015        |
| B3808R226   | 153684           | 106.261/11/01/2003<br>106.264/09/04/2000 | 11/06/2018        |

**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

| Date           | Permit Number | Regulated Entity Number |
|----------------|---------------|-------------------------|
| April 22, 2025 | O2219         | RN100225945             |

| Unit ID No.                                                  |                                                                | PBR No. | Version No./Date |
|--------------------------------------------------------------|----------------------------------------------------------------|---------|------------------|
| B1411FU1<br>B1411R11<br>B1411R12                             | B1411R31<br>B1411R33<br>B1411VP1                               | 106.124 | 09/04/2000       |
| B1450FUB1<br>B1450FUB2<br>B1450FUB3<br>B1450FUR1<br>B1450HD1 | B1450RXB1<br>B1450RXB2<br>B1450RXB3<br>B1450RXR1<br>B1450TO166 | 106.124 | 09/04/2000       |
| B1608OSPR1                                                   |                                                                | 106.433 | 09/04/2000       |
| B1608RX02<br>B1608RX03<br>B1608RX05                          |                                                                | 106.124 | 09/04/2000       |
| B255HDDCR<br>B255PUDCR<br>B255TODCR                          |                                                                | 106.124 | 09/04/2000       |
| B3802CT38                                                    |                                                                | 106.371 | 09/04/2000       |
| B3802CT1                                                     |                                                                | 106.371 | 09/04/2000       |
| B3815FU1<br>B3815RX1<br>PRB3815                              |                                                                | 106.124 | 09/04/2000       |

**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

| Date           | Permit Number | Regulated Entity Number |
|----------------|---------------|-------------------------|
| April 22, 2025 | O2219         | RN100225945             |

| Unit ID No.                                                                    |                                                                                  | PBR No.            | Version No./Date         |
|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------|--------------------------|
| B3831CT1<br>B3831FU1<br>B3831O52<br>B3831ODBX1<br>B3831PT41<br>B3831RX21       | B38831S1<br>B3831ST101<br>B38831ST61<br>B3831ST83<br>B3831ST93<br>PROB3831       | 106.124            | 09/04/2000               |
| B38831ST102                                                                    |                                                                                  | 106.124<br>106.476 | 09/04/2000<br>09/04/2000 |
| B4000WT010                                                                     |                                                                                  | 106.476            | 09/04/2000               |
| B4010CT40<br>B4010FU1<br>B4060FU4                                              |                                                                                  | 106.124            | 09/04/2000               |
| B4060FU300<br>B4060OL300<br>B4060PU300<br>B4060OU4<br>B4060R2100<br>B4060R2700 | B4060R5100<br>B4060T2600<br>B4060T3100<br>B4060T4100<br>B4060T5200<br>B4060T5300 | 106.124            | 09/04/2000               |
| B4060UDR5<br>B4060UPST1<br>B4060UST1<br>B4060UST2                              | B4060UCPR1<br>B4060UFU1<br>PROB4060                                              | 106.124            | 09/04/2000               |
| B4060UPTS3<br>B4060UST5                                                        | B4060UST6<br>B4060UFU3                                                           | 106.124            | 09/04/2000               |

**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

| Date           | Permit Number | Regulated Entity Number |
|----------------|---------------|-------------------------|
| April 22, 2025 | O2219         | RN100225945             |

| Unit ID No.                           |                         | PBR No. | Version No./Date |
|---------------------------------------|-------------------------|---------|------------------|
| B4060UPTS2<br>B4060UST3               | B4060UST4<br>B4060UFU2  | 106.124 | 09/04/2000       |
| B4061OGC                              |                         | 106.124 | 09/04/2000       |
| B4808CT500                            |                         | 106.371 | 09/04/2000       |
| B4808FU5<br>B4808RXALL                | B4808ST903<br>B4808V301 | 106.124 | 09/04/2000       |
| B4808V502                             |                         | 106.123 | 09/04/2000       |
| OC6L8FU02                             |                         | 106.124 | 09/04/2000       |
| B1608BWING<br>B1608CWING              |                         | 106.124 | 09/04/2000       |
| B4000FU1<br>B4060HPPOVENT<br>B4000DL1 |                         | 106.124 | 09/04/2000       |
| B250FUR<br>B250TO1                    | B250RV1<br>B250GCV1     | 106.124 | 09/04/2000       |
| B16059LL01                            |                         | 106.124 | 09/04/2000       |
| B3827DU                               |                         | 106.454 | 11/01/2001       |
| B1608H019<br>B1608S009                | B1608S009<br>B1608036   | 106.124 | 09/04/2000       |

**Permit By Rule Supplemental Table (Page 2)**  
**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**  
**Texas Commission on Environmental Quality**

| Date           | Permit Number | Regulated Entity Number |
|----------------|---------------|-------------------------|
| April 22, 2025 | O2219         | RN100225945             |

| Unit ID No.       | PBR No.        | Version No./Date  |
|-------------------|----------------|-------------------|
| <i>B1607CT3LE</i> | <i>106.124</i> | <i>09/04/2000</i> |
| <i>B20457LBFL</i> | <i>106.221</i> | <i>09/04/2000</i> |

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

| Date           | Permit Number | Regulated Entity Number |
|----------------|---------------|-------------------------|
| April 22, 2025 | O2219         | RN100225945             |

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

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

| Date           | Permit Number | Regulated Entity Number |
|----------------|---------------|-------------------------|
| April 22, 2025 | O2219         | RN100225945             |

| Unit ID No.                                                                                   | PBR No.                                                                     | Version No./Date Or Registration No.     | Monitoring Requirement                                                                                                                                                |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B1607LABO                                                                                     | 106.262/11/01/2003<br>106.433/09/04/2000                                    | 120773                                   | Maintain records of emissions to demonstrate compliance with 106.262(a)(2)<br>Maintain records in order to demonstrate compliance with [G]106.433(8)                  |
| B16075LLCD                                                                                    | 106.262/11/01/2003                                                          | 140229                                   | Maintain records of emissions to demonstrate compliance with 106.262(a)(2)                                                                                            |
| B1608S008                                                                                     | 106.261/09/04/2000                                                          | 53903                                    | Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3)                                                                                        |
| B1608S009                                                                                     | 106.261/09/04/2000                                                          | 53905                                    | Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3)                                                                                        |
| B3814FU1<br>B3814RX216<br>B3814SD514                                                          | B3814ST906<br>PROB3814                                                      | 106.261/11/01/2003<br>106.262/11/01/2003 | 83031<br>Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3)<br>Maintain records of emissions to demonstrate compliance with 106.262(a)(2) |
| B3826FU01<br>B3826RX216<br>B3826RX218<br>B3826ST301<br>B3826ST801<br>B3826ST802<br>B3826ST804 | B3826ST906<br>B3826ST411<br>B3826ST413<br>B3826T802<br>B3826UL1<br>PROB3826 | 106.261/11/01/2003<br>106.262/11/01/2003 | 70945<br>Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3)<br>Maintain records of emissions to demonstrate compliance with 106.262(a)(2) |
| PROB3826                                                                                      | 106.261/11/01/2003<br>106.262/11/01/2003                                    | 77521                                    | Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3)<br>Maintain records of emissions to demonstrate compliance with 106.262(a)(2)          |
| B3826FU01                                                                                     | 106.261/11/01/2003<br>106.262/11/01/2003                                    | 105570                                   | Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3)<br>Maintain records of emissions to demonstrate compliance with 106.262(a)(2)          |

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

| Date           | Permit Number | Regulated Entity Number |
|----------------|---------------|-------------------------|
| April 22, 2025 | O2219         | RN100225945             |

| Unit ID No.                                                  |                                                                | PBR No.                                  | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                    |
|--------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PROB3826                                                     |                                                                | 106.261/11/01/2003                       | 129373                               | Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3)                                                                            |
| B3808R226                                                    |                                                                | 106.261/11/01/2003<br>106.264/09/04/2000 | 153684                               | Maintain records of emissions to demonstrate compliance with 106.261(a)(2)-(3)<br>Maintain records of emissions to demonstrate compliance with 106.264(3) |
| B1411FU1<br>B1411R11<br>B1411R12                             | B1411R31<br>B1411R33<br>B1411VP1                               | 106.124                                  | 09/04/2000                           | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                        |
| B1450FUB1<br>B1450FUB2<br>B1450FUB3<br>B1450FUR1<br>B1450HD1 | B1450RXB1<br>B1450RXB2<br>B1450RXB3<br>B1450RXR1<br>B1450TO166 | 106.124                                  | 09/04/2000                           | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                        |
| B1608OSPR1                                                   |                                                                | 106.433                                  | 09/04/2000                           | Potential to emit is less than 25 tpy.                                                                                                                    |
| B1608RX02<br>B1608RX03<br>B1608RX05                          |                                                                | 106.124                                  | 09/04/2000                           | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                        |
| B255HDDCR<br>B255PUDCR<br>B255TODCR                          |                                                                | 106.124                                  | 09/04/2000                           | Not a production facility. Data generated for research and development purposes. Compliance with emissions are based on mass balance.                     |
| B3802CT38                                                    |                                                                | 106.371                                  | 09/04/2000                           | Cooling fluid containing less than 100 ppmw of HRVOC between process and the cooling water.                                                               |

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

| Date           | Permit Number | Regulated Entity Number |
|----------------|---------------|-------------------------|
| April 22, 2025 | O2219         | RN100225945             |

| Unit ID No.                                                                    |                                                                                  | PBR No.            | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                                              |
|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B3802CT1                                                                       |                                                                                  | 106.371            | 09/04/2000                           | Cooling fluid containing less than 100 ppmw of HRVOC between process and the cooling water.                                                                                                         |
| B3815FU1<br>B3815RX1<br>PRB3815                                                |                                                                                  | 106.124            | 09/04/2000                           | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                                                                  |
| B3831CT1<br>B3831FU1<br>B3831O52<br>B3831ODBX1<br>B3831PT41<br>B3831RX21       | B38831S1<br>B3831ST101<br>B38831ST61<br>B3831ST83<br>B3831ST93<br>PROB3831       | 106.124            | 09/04/2000                           | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                                                                  |
| B38831ST102                                                                    |                                                                                  | 106.124<br>106.476 | 09/04/2000<br>09/04/2000             | The tank ST102 is a pressurized tank and operate with a nitrogen pad. The vessel is also equipped with a pressure regulator that relieves pressure in the vessel to the flare/TOX emission control. |
| B4000WT010                                                                     |                                                                                  | 106.472            | 09/04/2000                           | TVP of the wastewater is less than 1.5 psia.                                                                                                                                                        |
| B4010CT40<br>B4010FU1<br>B4060FU4                                              |                                                                                  | 106.124            | 09/04/2000                           | Cooling fluid containing less than 100 ppmw of HRVOC between process and the cooling water. Fugitive emissions are based on equipment count and emission factors.                                   |
| B4060FU300<br>B4060OL300<br>B4060PU300<br>B4060OU4<br>B4060R2100<br>B4060R2700 | B4060R5100<br>B4060T2600<br>B4060T3100<br>B4060T4100<br>B4060T5200<br>B4060T5300 | 106.124            | 09/04/2000                           | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                                                                  |

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

| Date           | Permit Number | Regulated Entity Number |
|----------------|---------------|-------------------------|
| April 22, 2025 | O2219         | RN100225945             |

| Unit ID No.                                       |                                     | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement                                                                                                                                                              |
|---------------------------------------------------|-------------------------------------|---------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B4060UDR5<br>B4060UPST1<br>B4060UST1<br>B4060UST2 | B4060UCPR1<br>B4060UFU1<br>PROB4060 | 106.124 | 09/04/2000                           | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                                                  |
| B4060UPTS3<br>B4060UST5                           | B4060UST6<br>B4060UFU3              | 106.124 | 09/04/2000                           | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                                                  |
| B4060UPTS2<br>B4060UST3                           | B4060UST4<br>B4060UFU2              | 106.124 | 09/04/2000                           | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                                                  |
| B4061OGC                                          |                                     | 106.124 | 09/04/2000                           | HRVOC concentration is less than 100 ppmv based on process knowledge.                                                                                                               |
| B4808CT500                                        |                                     | 106.371 | 09/04/2000                           | Cooling fluid containing less than 100 ppmw of HRVOC between process and the cooling water.                                                                                         |
| B4808FU5<br>B4808RXALL                            | B4808ST903<br>B4808V301             | 106.124 | 09/04/2000                           | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                                                  |
| OC6L8FU02                                         |                                     | 106.124 | 09/04/2000                           | Pilot Skid for stream analysis. Fugitive emissions are based on component count and emission factor.                                                                                |
| B1608BWING<br>B1608CWING                          |                                     | 106.124 | 09/04/2000                           | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                                                  |
| B4000FU1<br>B4060HPPOVENT<br>B4000DL1             |                                     | 106.124 | 09/04/2000                           | Not a production facility. Data generated for research and development purposes. Compliance with emissions are based on mass balance.                                               |
| B250FUR<br>B250TO1                                | B250RV1<br>B250GCV1                 | 106.124 | 09/04/2000                           | Not a production facility. Data is generated for research and development purposes for the study and design of a larger plant. Compliance with emissions are based on mass balance. |

**Permit By Rule Supplemental Table (Page 4)**  
**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area**  
**Texas Commission on Environmental Quality**

| Date           | Permit Number | Regulated Entity Number |
|----------------|---------------|-------------------------|
| April 22, 2025 | O2219         | RN100225945             |

| Unit ID No.                             |                       | PBR No.                           | Version No./Date Or Registration No.    | Monitoring Requirement                                                                                                                                                                                                           |
|-----------------------------------------|-----------------------|-----------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B16059LL01                              |                       | 106.124                           | 09/04/2000                              | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                                                                                               |
| B3827DU                                 |                       | 106.454                           | 11/01/2001                              | Solvent supplier material safety data sheet for vapor pressure.                                                                                                                                                                  |
| B1608H019<br>B1608S009                  | B1608S009<br>B1608036 | 106.124                           | 09/04/2000                              | 106.124(2) for production capacity from the pilot plant is less than five million pounds per year.                                                                                                                               |
| <b><i>B1607CT3LE<br/>B20457LBFL</i></b> |                       | <b><i>106.124<br/>106.221</i></b> | <b><i>09/04/2000<br/>09/04/2000</i></b> | <b><i>106.124(2) for production capacity from the pilot plant is less than five million pounds per year.</i></b><br><br><b><i>Ensure only the use of presses for extruding metals, minerals, plastics, rubber, and wood.</i></b> |