

Jon Niermann, *Chairman*  
Emily Lindley, *Commissioner*  
Bobby Janecka, *Commissioner*  
Erin E. Chancellor, *Interim Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

February 27, 2023

COLTON CROMER  
ENVIRONMENTAL SECTION SUPERVISOR  
EXXON MOBIL CORPORATION  
PO BOX 4004  
BAYTOWN, TEXAS 77522-4004  
Via email

Subject: Notice of Intent to Use Discrete Emission Credits  
Exxon Mobil Corporation  
Exxon Mobil Chemical Baytown Olefins Plant  
Customer Number: CN600123939  
Regulated Entity Number: RN102212925  
EBT Portfolio Number: P0275  
Project Number: 417825

Dear Colton Cromer:

In response to your Notice of Intent to Use Discrete Emission Credits submitted on February 10, 2023, the Texas Commission on Environmental Quality (TCEQ) set-aside the following credits for compliance with 30 Texas Administrative Code (TAC) §117.310(c)(1). A Notice of Use of Discrete Emission Credits application must be submitted within 90 days after the end of the use period.

| Pollutant | Use Period            | Set Aside Certificate | Amount Set Aside (tons) | Retained Certificate | Amount Retained (tons) |
|-----------|-----------------------|-----------------------|-------------------------|----------------------|------------------------|
| CO        | 3/31/2023 - 6/28/2023 | D2940                 | 4.4                     | N/A                  | N/A                    |

Additional information regarding this project and the site's portfolio is available online at [https://www2.tceq.texas.gov/airperm/index.cfm?fuseaction=ebt\\_dpa.start](https://www2.tceq.texas.gov/airperm/index.cfm?fuseaction=ebt_dpa.start). If you have questions concerning this project or the EBT program, please contact Jacob Morrison at [Jacob.Morrison@tceq.texas.gov](mailto:Jacob.Morrison@tceq.texas.gov), or write to the TCEQ, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line.

Samuel Short, Deputy Director  
Air Permits Division  
Office of Air

cc: Christy Mak, Air Advisor, Exxon Mobil Corporation  
Director, Harris County, Pollution Control Services, Pasadena

## Discrete Emission Reduction Credit (DERC) Intent to Use Technical Review

|                                 |             |                  |                                            |
|---------------------------------|-------------|------------------|--------------------------------------------|
| Project Number:                 | 417825      | Project Manager: | Jacob Morrison                             |
| Customer Reference No.:         | CN600123939 | Company Name:    | Exxon Mobil Corporation                    |
| Regulated Entity Reference No.: | RN102212925 | Site Name:       | Exxon Mobil Chemical Baytown Olefins Plant |
| Portfolio Number:               | P0275       | County:          | Harris                                     |

### Project Overview

| Review                              | Explanation                                                                                                                                                                                       |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Submitted Date:         | 2/10/2023                                                                                                                                                                                         |
| Intent Amount and Certificate(s):   | 4.4 tons from certificate D2940                                                                                                                                                                   |
| Pollutant:                          | CO                                                                                                                                                                                                |
| Reason for Use:                     | Compliance with 30 TAC 117.310(c)(1)                                                                                                                                                              |
| Use period:                         | 3/31/2023 - 6/28/2023                                                                                                                                                                             |
| Retained Amount and Certificate(s): | N/A                                                                                                                                                                                               |
| Additional Information:             | The application was submitted for compliance with §117.310(c)(1). Excess emissions, if any, from 47 facilities (listed in Attachment B, Lists 1 & 2) at the site will be covered by the CO DERCS. |

### Calculation Methodology

The company used the equation in 30 TAC §101.376(d)(2)(B) to determine the amount of discrete emission credits (DECs) needed (refer to Attachment A).

$$DECs\ needed = (ELA) \times (EER - RER)$$

Where:

ELA = The expected level of activity.

EER = The expected emission rate per unit activity.

RER = The regulatory emission rate per unit activity.

### Sources Subject to §117.310(c)(1)(A)

For sources equipped with CEMS (36 units under List 1 of Attachment B), the regulatory emission rate is 400 ppmv CO at 3.0% O<sub>2</sub>, dry basis, on a rolling 24-hour averaging period.

$$316,831\ MMBtu \times \frac{(440 - 400)\text{ppmv}}{10^6} \times \frac{28.01\ \frac{lb}{lbmol}}{385.3\ \frac{scf}{lbmol}} \times 8,466\ \frac{dscf}{MMBtu} \times \frac{1\ ton}{2,000\ lb} = 3.9\ tons$$

### Stationary Internal Combustion Engines Subject to §117.310(c)(1)(B)

For engines (11 units under List 2 of Attachment B), the regulatory emission rate is 3.0 g/hp-hr, on a one-hour average period.

$$15,418 \text{ hp} - \text{hr} \times \frac{(9.0 - 3.0)\text{g}}{\text{hp} - \text{hr}} \times \frac{\text{lb}}{453.6 \text{ g}} \times \frac{\text{ton}}{2,000 \text{ lb}} = 0.1 \text{ ton}$$

#### **Total DERCs Needed**

Amount of DERCs needed is 4.0 tons. With the 10% environmental contribution of 0.4 ton, the total amount needed is 4.4 tons.

#### **Conclusion**

The TCEQ is approving the request to set aside 4.4 tons of CO DERCs from certificate D2940 for compliance with 30 TAC §117.310(c)(1) during the use period of 3/31/2023 - 6/28/2023.

**02/27/2023 ----- EBTP IMS- PROJECT RECORD -----**

PROJECT#: 417825      STATUS: C      DISP CODE: \_\_\_\_\_  
RECEIVED: 02/10/2023      PROJTYPE: BDIU      ISSUED DT: \_\_\_\_\_  
SUP-DISP DATE: 02/27/2023

**STAFF ASSIGNED TO PROJECT:**

MORRISON, JACOB

**PROJECT NOTES:**

.REASONS FOR USE INCLUDE 30 TAC CHAPTER 117 AND PERMIT ALLOWABLES, AS INDICATED IN SUPPORTING DOC. DUE TO LIMITED SPACE, ONLY 3 PERMITS ARE PROVIDED ABOVE; COMPLETE LIST OF PERMIT(S) AUTHORIZING SOURCES UNDER THIS SUBMISSION CAN BE FOUND IN SUPPORTING DOC.

[.Attachments](#) from Steers

[.Copy Of Record](#) from Steers

.USE PERIOD: 3/31/2023 - 6/28/2023

**PROJECT TRANSACTIONS****COMPANY DATA**

COMPANY NAME: EXXON MOBIL CORPORATION  
CUSTOMER REGISTRY ID: CN600123939

**PORTFOLIO DATA**

NUMBER: P0275 NAME: EXXON MOBIL BAYTOWN OLEFINS PLANT - RN102212925

**SITE DATA**

ACCOUNT: HG0228H  
REG ENTITY ID: RN102212925  
SITE NAME: EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT  
COUNTY: HARRIS      NEAREST CITY: BAYTOWN  
LOCATION: 3525 DECKER DRIVE, BAYTOWN 77520

**CONTACT DATA**

NAME: CHRISTY MAK      TITLE: AIR ADVISOR  
ROLE: TECHNICAL  
STREET:  
CITY/STATE, ZIP:  
PHONE: 254-545-3508 -  
EMAIL: CHRISTY.MAK@EXXONMOBIL.COM

NAME: COLTON CROMER      TITLE: ENVIRONMENTAL SECTION SUPERVISOR  
ROLE: AAR  
STREET: PO BOX 4004  
CITY/STATE, ZIP: BAYTOWN, TX , 77522-4004  
PHONE: 254-545-3289 -  
EMAIL: COLTON.D.CROMER@EXXONMOBIL.COM

**TRANSACTION DATA**

TRANSACTION TYPE: DERC\_INTEN  
DATE ENTERED: 2023-02-10 00:00:00      DELETED DATE:      EFFECTIVE YEAR:  
CONTAMINATE: CO      TONS: 4.40      DOLLARS:  
ALLOWANCE0      CERTIFICATE NO.: D2940 COUNTY : HARRIS

**TRACKING ACTIVITIES**

PROJECT SUBMITTED : 02/10/2023      PROJECT RECEIVED BY PM : 02/13/2023      TEAM LEAD REVIEW : 02/22/2023

SECTION MANAGER  
REVIEW :

02/23/2023

**Portfolio Detail**

**Portfolio Number:** P0275  
**Portfolio Name:** EXXON MOBIL BAYTOWN OLEFINS PLANT - RN102212925  
**Company Name:** EXXON MOBIL CORPORATION

**Actual Allowances for Pollutant CO**

| Balance/Year                     | 2018      | 2019      | 2020      | 2021      | 2022      | 2023      | 2024      |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Penalty from last year           | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| Certified Allocation             | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| Allowances for Offsets           | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> |
| Future Trade In                  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| Future Trade Out                 | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> |
| Stream Traded In                 | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| Stream Traded Out                | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> |
| Current Traded In                | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| Current Traded Out               | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> |
| Total Reported Emissions         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Quantification Penalty           | -0        | -0        | -0        | -0        | -0        | -0        | -0        |
| Current Used for Compliance      | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> |
| Vintage From Previous Year       | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| Vintage Traded In                | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| Vintage Traded Out               | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> |
| Vintage Used for Compliance      | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> |
| DERC Intent                      | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| DERC Use                         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| ERC Converted to Allowances      | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| <b>CURRENT ALLOWANCE BALANCE</b> | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| <b>VINTAGE ALLOWANCE BALANCE</b> | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |

**Allowable Allowances**

| Balance/Year                  | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|-------------------------------|------|------|------|------|------|------|------|
| Starting Allowance for        | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Deficit                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Actual Emissions              | -0   | -0   | -0   | -0   | -0   | -0   | -0   |
| Quantification Penalty        | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| <b>BALANCE</b>                | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| <b>Starting Allowance for</b> | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

|                                      |       |       |       |       |       |       |       |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| <b>Deficit</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>Actual Emissions</b>              | -0    | -0    | -0    | -0    | -0    | -0    | -0    |
| <b>Quantification Penalty</b>        | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>BALANCE</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <br><b>Starting Allowance for **</b> | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 |
| <b>Deficit</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>Actual Emissions</b>              | -0    | -0    | -0    | -0    | -0    | -0    | -0    |
| <b>Quantification Penalty</b>        | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>BALANCE</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <br><b>Starting Allowance for</b>    | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 |
| <b>Deficit</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>Actual Emissions</b>              | -0    | -0    | -0    | -0    | -0    | -0    | -0    |
| <b>Quantification Penalty</b>        | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>BALANCE</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <br><b>Starting Allowance for **</b> | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 |
| <b>Deficit</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>Actual Emissions</b>              | -0    | -0    | -0    | -0    | -0    | -0    | -0    |
| <b>Quantification Penalty</b>        | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>BALANCE</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <br><b>Starting Allowance for</b>    | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 |
| <b>Deficit</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>Actual Emissions</b>              | -0    | -0    | -0    | -0    | -0    | -0    | -0    |
| <b>Quantification Penalty</b>        | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>BALANCE</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <br><b>Starting Allowance for</b>    | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 |
| <b>Deficit</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>Actual Emissions</b>              | -0    | -0    | -0    | -0    | -0    | -0    | -0    |
| <b>Quantification Penalty</b>        | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>BALANCE</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <br><b>Starting Allowance for</b>    | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 | <br>0 |
| <b>Deficit</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>Actual Emissions</b>              | -0    | -0    | -0    | -0    | -0    | -0    | -0    |
| <b>Quantification Penalty</b>        | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| <b>BALANCE</b>                       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

\*\* This fin was recertified.

**Flexible Allowances for Pollutant CO**

| Balance                            | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|------------------------------------|------|------|------|------|------|------|------|
| <b>Flexible Allowance</b>          | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| <b>Penalty</b>                     | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| <b>Associated Annual Emissions</b> | -0   | -0   | -0   | -0   | -0   | -0   | -0   |
| <b>BALANCE</b>                     | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

**Sb7 Allowances for Pollutant CO**

| Balance/Year                                   | 2018      | 2019      | 2020      | 2021      | 2022      | 2023      | 2024      |
|------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Previous Year Deficit</b>                   | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| <b>Allowances Remaining from Previous Year</b> | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| <b>Allocation</b>                              | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| <b>Current Traded In</b>                       | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| <b>Current Traded Out</b>                      | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> |
| <b>Stream Traded In</b>                        | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |
| <b>Stream Traded Out</b>                       | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> | <u>-0</u> |
| <b>Total Reported Emissions</b>                | -0        | -0        | -0        | -0        | -0        | -0        | -0        |
| <b>Remaining Balance</b>                       | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  | <u>0</u>  |

**DERC >**

| Certificate Num       | Cont Code | Avail Tons | Transaction Type | Inactive Date | Gen Start Date | Gen End Date | County     | Parent Cert Num |
|-----------------------|-----------|------------|------------------|---------------|----------------|--------------|------------|-----------------|
| <a href="#">D2536</a> | CO        | 16.90      | DERC_RET         | 09/21/2012    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2534           |
| <a href="#">D3017</a> | CO        | 10.10      | DERC_RET         | 07/27/2018    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2929           |
| <a href="#">D3373</a> | CO        | 0.20       | DERC_USE         | 07/27/2018    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D3017           |
| <a href="#">D2435</a> | CO        | 38.00      | DERC_BUY         | 06/03/2010    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D1019           |
| <a href="#">D2534</a> | CO        | 35.00      | DERC_SELL        | 05/28/2010    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2435           |
| <a href="#">D2897</a> | CO        | 16.60      | DERC_INTEN       | 10/15/2012    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2536           |
| <a href="#">D3017</a> | CO        | 10.10      | DERC_INTEN       | 07/27/2018    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2929           |
| <a href="#">D2940</a> | CO        | 4.40       | DERC_INTEN       | 12/30/3000    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2929           |
| <a href="#">D2930</a> | CO        | 0.20       | DERC_USE         | 10/15/2012    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2897           |
| <a href="#">D3374</a> | CO        | 9.90       | DERC_RET         | 12/30/3000    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D3017           |
| <a href="#">D2896</a> | CO        | 0.30       | DERC_USE         | 09/21/2012    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2536           |
| <a href="#">D2929</a> | CO        | 16.40      | DERC_INTEN       | 05/18/2013    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2897           |
| <a href="#">D3016</a> | CO        | 1.90       | DERC_USE         | 05/18/2013    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2929           |
| <a href="#">D2534</a> | CO        | 35.00      | DERC_RET         | 05/28/2010    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2435           |
| <a href="#">D2897</a> | CO        | 16.60      | DERC_RET         | 10/15/2012    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2536           |
| <a href="#">D3374</a> | CO        | 9.90       | DERC_INTEN       | 12/30/3000    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D3017           |
| <a href="#">D2536</a> | CO        | 16.90      | DERC_INTEN       | 09/21/2012    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2534           |
| <a href="#">D2435</a> | CO        | 38.00      | DERC_SELL        | 06/03/2010    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D1019           |
| <a href="#">D2940</a> | CO        | 4.40       | DERC_RET         | 12/30/3000    | 04/08/1999     | 07/31/1999   | MONTGOMERY | D2929           |

|                       |    |       |          |            |            |            |            |       |
|-----------------------|----|-------|----------|------------|------------|------------|------------|-------|
| <a href="#">D2929</a> | CO | 16.40 | DERC_RET | 05/18/2013 | 04/08/1999 | 07/31/1999 | MONTGOMERY | D2897 |
|-----------------------|----|-------|----------|------------|------------|------------|------------|-------|

**Confirm Records to Send to TCEQ**

**Portfolio Number:P0275**  
**Data current as of:02/10/2023**

**Project Information**

**Project Number:** 417825  
**Portfolio Number:** P0275  
**Customer Name:** EXXON MOBIL CORPORATION  
**Customer Reference Number:** CN600123939  
**Regulated Entity:** EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT  
**Regulated Entity Reference Number:** RN102212925  
**Account Name:** HG0228H

**Certification and Submission**

| Certificate | Pollutant | End Date | Amount Available (tpy) | Amount to be Used (tpy) | Use Period Start Date | Use Period End Date | Reason for Use                   | Permit Number        | Ratio | Compliance Year |
|-------------|-----------|----------|------------------------|-------------------------|-----------------------|---------------------|----------------------------------|----------------------|-------|-----------------|
| D2940       | CO        |          | 4.40                   | 4.40                    | 03/31/2023            | 06/28/2023          | OTHER (SPECIFY IN PROJECT NOTES) | 3452, 102982, 131869 |       |                 |

**Supporting Documentation**

1 file(s) attached.  
 2023.02.09.BOP.COR.TX.Ch101 DERCs.DEC-2 Notice of

**Contact Information**

**Primary Contact Name:** COLTON CROMER  
**Address:** PO BOX 4004 BAYTOWN, TX 77522 -4004  
**Phone:** 254-545-3289  
**Email:** COLTON.D.CROMER@EXXONMOBIL.COM  
**Technical Contact Name:** CHRISTY MAK  
**Phone:** 254-545-3508  
**Email:** CHRISTY.MAK@EXXONMOBIL.COM

I certify that I have not violated any term in my TCEQ STEERS participation agreement and have no reason to believe that the confidentiality or use of my password has been compromised at any time. I understand that entering my password and pressing the "Confirm Submit" button constitutes an electronic signature legally equivalent to my written signature.

I certify that I am authorized to make this submission on behalf of the owners and operators of the site and facilities included in this submission. I certify that I have knowledge of the information in this submission and any attachments, and that, based on my knowledge and belief formed after reasonable inquiry, the information is true, accurate, and complete. I acknowledge that I have read and understand Texas Water Code (TWC) §§7.177-7.183, which define criminal offenses for certain violations, including intentionally or knowingly making or causing to be made false material statements or representations in this application, and TWC §7.187, pertaining to criminal penalties. Additionally, I understand that TWC §5.102 and Texas Health and Safety Code §382.002 authorize the TCEQ to carry out and enforce its rules and associated duties, including the duty to take enforcement actions if these rules are violated.

This document was signed by Colton D Cromer.

**Signature Hash:** CBBFF91D38599629AFA06C285904C9E2F440D2032FB4A88ADE658E9AB60FAC41

The following is additional information contained in your Copy of Record:

Submission IP address: 136.228.238.86

Submission date and time: 02/10/2023

Submission STEERS Version: 6.61

Submission Confirmation Number: 14955

Submission Data Hash Code: FA9FC82BCF638F2CD9D659742CB6BBB69BCF0DC3771282BD189FBA2816B2D195

Exxon Mobil Corporation  
3525 Decker Drive  
P.O. Box 100  
Baytown, Texas 77522-0100



**Submitted via STEERS**

February 9, 2023

Texas Commission on Environmental Quality  
Emissions Banking and Trading Program MC-163  
P.O. Box 13087  
Austin, Texas 78711-3087

**Re: Application for Notice of Intent to Use  
Discrete Emission Reduction Credits (DERC) Form DEC-2  
Exxon Mobil Corporation Baytown Olefins Plant  
Account No.: HG-0228-H  
CN600123939 / RN102212925**

To whom it may concern:

On behalf of the Exxon Mobil Corporation Baytown Olefins Plant (BOP), located at 3525 Decker Drive, Baytown, TX 77520, enclosed is the Application for Notice of Intent to Use Discrete Emission Reduction Credits (DERCs), Form DEC-2, to use 4.4 tons of CO DERCs for 30 TAC §117.310(c)(1), §117.325, and Permit 3452/PSD-TX-302M2, during the use period of March 31, 2023 through June 28, 2023.

Per Section VIII of the DEC-2 and 30 TAC §101.376, we are also providing the calculation protocol used to determine the amount of DERCs intended for the use period (Attachment A). Attachment B is a list of sources included in the DERC use application. DERC estimates have been provided for sources subject to different emission limits.

If you have any questions concerning this application or require any additional information, please contact me at (254) 545-3508 or via email at [christy.mak@exxonmobil.com](mailto:christy.mak@exxonmobil.com).

Sincerely,

A handwritten signature in blue ink that reads "Christy Mak".

Christy Mak  
Environmental Advisor

Attachments

**Texas Commission on Environmental Quality  
Form DEC-2 (Page 1)  
Notice of Intent to Use Discrete Emission Credits  
(Title 30 Texas Administrative Code § 101.370 - § 101.379)**

***Mail application to:***

**Texas Commission on Environmental Quality  
Emission Banking and Trading Program MC-163  
P.O. Box 13087  
AUSTIN, TX 78711-3087**

|                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>I. Company Identifying Information</b>                                                                                                                     |
| A. Company Name: Exxon Mobil Corporation                                                                                                                      |
| Mailing Address: P.O. Box 100                                                                                                                                 |
| City: Baytown                                                                                                                                                 |
| State: TX                                                                                                                                                     |
| ZIP Code: 77522-0100                                                                                                                                          |
| Telephone Number: 254-545-3508                                                                                                                                |
| Fax Number:                                                                                                                                                   |
| B. TCEQ Customer Number (CN): CN600123939                                                                                                                     |
| C. Site Name: Baytown Olefins Plant                                                                                                                           |
| Street Address: (If no street address, give driving directions to site)                                                                                       |
| 3525 Decker Drive                                                                                                                                             |
| Nearest City: Baytown                                                                                                                                         |
| ZIP Code: 77520-1699                                                                                                                                          |
| County: Harris                                                                                                                                                |
| D. TCEQ Regulated Entity Number (RN): RN102212925                                                                                                             |
| E. TCEQ Air Account Number: (if applicable) HG-0228-H                                                                                                         |
| F. Primary SIC: 2869                                                                                                                                          |
| Air Permit Number: 3452, 102982, 154040, 131869, 169356                                                                                                       |
| <b>II. Technical Contact Identifying Information</b>                                                                                                          |
| A. Technical Contact Name: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.) |
| Full Name: Christy Mak                                                                                                                                        |
| Technical Contact Title: Environmental Advisor                                                                                                                |

**Texas Commission on Environmental Quality**  
**Form DEC-2 (Page 2)**  
**Notice of Intent to Use Discrete Emission Credits**  
**(Title 30 Texas Administrative Code § 101.370 - § 101.379)**

|                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>II. Technical Contact Identifying Information (continued)</b>                                                                                     |
| Mailing Address: P.O. Box 4004                                                                                                                       |
| City: Baytown                                                                                                                                        |
| State: TX                                                                                                                                            |
| ZIP Code: 77522-4004                                                                                                                                 |
| Telephone Number: 254-545-3508                                                                                                                       |
| Fax Number:                                                                                                                                          |
| Email Address: christy.mak@exxonmobil.com                                                                                                            |
| <b>III. Company Contact Identifying Information (If different from Technical Contact)</b>                                                            |
| A. Company Contact Name: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)     |
| Full Name:                                                                                                                                           |
| Company Contact Title:                                                                                                                               |
| Mailing Address:                                                                                                                                     |
| City:                                                                                                                                                |
| State:                                                                                                                                               |
| ZIP Code:                                                                                                                                            |
| Telephone Number:                                                                                                                                    |
| Fax Number:                                                                                                                                          |
| Email Address:                                                                                                                                       |
| <b>IV. Mass Emission Cap and Trade Program (MECT)</b>                                                                                                |
| Is the DERC use for compliance with 30 TAC Chapter 101 Subchapter H, Division 3? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Year DERC Generated:                                                                                                                                 |
| Year of Use:                                                                                                                                         |
| Ratio of DERC to Allowance:                                                                                                                          |
| <i>Note: If DERC use is to comply with MECT then go to Section IX</i>                                                                                |
| <b>V. Intended Use Period</b>                                                                                                                        |
| Intended Use Start Date: 03/31/2023                                                                                                                  |
| Intended Use End Date: 06/28/2023                                                                                                                    |

**Texas Commission on Environmental Quality**  
**Form DEC-2 (Page 3)**  
**Notice of Intent to Use Discrete Emission Credits**  
**(Title 30 Texas Administrative Code § 101.370 - § 101.379)**

**VI. State and Federal Requirements**

Applicable State and Federal requirements that the DERCs will be used for compliance:

30 TAC §117.310(c)(1)  
30 TAC §117.325  
Permit 3452/PSD-TX-302M2

**VII. Most Stringent Emission Rate**

Describe basis for most stringent allowable emission rate:

☐ Permit:

☐ RACT:

☒ Other: 30 TAC §117.310(c)(1)

Notes:

**VIII. Protocol**

Protocol used to calculate DERC:

Note: Attach the actual calculations that were used to determine the amounts of DERCs needed to this form.

*See Attachment A.*

**Texas Commission on Environmental Quality**  
**Form DEC-2 (Page 4)**  
**Notice of Intent To Use Discrete Emission Credits**  
**(Title 30 Texas Administrative Code § 101.370 - § 101.379)**

**IX. Tons of DERCS Required**

**Calculation of DERCS**

| Emission Point No.       | FIN | Air Contaminant | Expected Activity (Rolling 24-hr Average, MMBtu) | Expected Emission Rate (Rolling 24-hr Average, ppmv CO @ 3% O <sub>2</sub> ) | Expected Total Emissions (tons) | Regulated Activity (units) | Regulated Emission Rate (Rolling 24-hr Average, ppmv CO @ 3% O <sub>2</sub> ) <sup>1</sup> | Regulated Total Emissions (tons) | DERCs (tons) |
|--------------------------|-----|-----------------|--------------------------------------------------|------------------------------------------------------------------------------|---------------------------------|----------------------------|--------------------------------------------------------------------------------------------|----------------------------------|--------------|
| See Attachment B, List 1 |     | CO              | 316,831                                          | 440                                                                          | -                               | -                          | 400                                                                                        | -                                | 3.9          |
|                          |     |                 |                                                  |                                                                              |                                 |                            |                                                                                            |                                  |              |
| Emission Point No.       | FIN | Air Contaminant | Expected Activity (1-hr Average, hp-hr)          | Expected Emission Rate (1-hr Average, g CO/hp-hr)                            | Expected Total Emissions (tons) | Regulated Activity (units) | Regulated Emission Rate (1-hr Average, g CO/hp-hr)                                         | Regulated Total Emissions (tons) | DERCs (tons) |
| See Attachment B, List 2 |     | CO              | 15,418                                           | 9.0                                                                          | -                               | -                          | 3.0                                                                                        | -                                | 0.1          |
|                          |     |                 |                                                  |                                                                              |                                 |                            |                                                                                            |                                  |              |
|                          |     |                 |                                                  |                                                                              |                                 |                            |                                                                                            | <b>Total:</b>                    | <b>4.0</b>   |

Note:

<sup>1</sup> Alternative Case Specific Specifications for CO emissions pursuant to 30 TAC §117.325 and Permit 3452/PSD-TX-302M2 may be substituted for SGT01/HRSG1, SGT02/HRSG2, SGT03/HRSG3, SGT04/HRSG4, and SGT05/HRSG5.

**Texas Commission on Environmental Quality**  
**Form DEC-2 (Page 5)**  
**Notice of Intent to Use Discrete Emission Credits**  
**(Title 30 Texas Administrative Code § 101.370 - § 101.379)**

|                                                                                 |
|---------------------------------------------------------------------------------|
| <b>X. Total DERCS Required for Use (round up to the nearest tenth of a ton)</b> |
| Tons of DERCS required (from Section VII.)                                      |
| CO: 4.0                                                                         |
| NO <sub>x</sub> :                                                               |
| PM <sub>10</sub> :                                                              |
| SO <sub>2</sub> :                                                               |
| VOC:                                                                            |
| Offset Ratio (if required)                                                      |
| CO:                                                                             |
| NO <sub>x</sub> :                                                               |
| PM <sub>10</sub> :                                                              |
| SO <sub>2</sub> :                                                               |
| VOC:                                                                            |
| Environmental Contribution (+ 10%)                                              |
| CO: 0.4                                                                         |
| NO <sub>x</sub> :                                                               |
| PM <sub>10</sub> :                                                              |
| SO <sub>2</sub> :                                                               |
| VOC:                                                                            |
| Compliance Margin (+ 5%) <i>(If DERC use requires &gt;10 tons)</i>              |
| CO:                                                                             |
| NO <sub>x</sub> :                                                               |
| PM <sub>10</sub> :                                                              |
| SO <sub>2</sub> :                                                               |
| VOC:                                                                            |
| Total DERCS                                                                     |
| CO: 4.4                                                                         |
| NO <sub>x</sub> :                                                               |
| PM <sub>10</sub> :                                                              |
| SO <sub>2</sub> :                                                               |
| VOC:                                                                            |

**Texas Commission on Environmental Quality**  
**Form DEC-2 (Page 6)**  
**Notice of Intent to Use Discrete Emission Credits**  
**(Title 30 Texas Administrative Code § 101.370 - § 101.379)**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>XI. DERC Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |
| Name of the DERC Generator:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Exxon Mobil Corporation         |
| DERC Generator Regulated Entity Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | RN102212925                     |
| Certificate number of the DERCs acquired or to be acquired:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | D2940                           |
| Date on which the DERCs were acquired or will be acquired:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11/27/2012                      |
| Note: The certificate number is assigned by the TCEQ.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                 |
| <b>XII. Purchase Date Price</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                 |
| Date Purchase:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |
| Price or Expected Price:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |
| Generator Price:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                 |
| <b>XIII. Certification by Responsible Official</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 |
| I, <u>Mary Katherine Lightfoot</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 |
| hereby certify, to the best of my knowledge and belief, that this application is correct, and the use strategy claimed on this notice has met the requirements of all applicable state and federal rules and regulations. I further state that to the best of my knowledge and belief the information in this certification is not in any way in violation of 30 TAC, Subchapter H, Division 4, §101.370-101.379 or any applicable air quality rule or regulation of the Texas Commission on Environmental Quality and that intentionally or knowingly making or causing to be made false material statements or representations in this certification is a CRIMINAL OFFENSE subject to criminal penalties. I hereby also waive the Federal statute of limitations defense in regard to the generation and use of discrete emission credits. |                                 |
| Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <u>Mary Katherine Lightfoot</u> |
| Signature Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u>2/9/23</u>                   |
| Title:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | BOP Plant Manager               |

**ATTACHMENT A**  
**Baytown Olefins Plant**  
**CN600123939 / RN102212925**  
**DEC-2 Supporting Documentation**  
**Use Period March 31, 2023 to June 28, 2023**  
**February 9, 2023**

**CO DERC CALCULATION PROTOCOL**

Equation to Calculate DERCs Needed (30 TAC §101.376(d)(2)(B))

$(ELA) * (EER - RER) = \text{DERCs Needed}$

**For sources subject to 30 TAC §117.310(c)(1)(A) (Attachment B List 1):**

ELA = expected level of activity (Rolling 24-hr average, MMBtu)  
EER = expected emission rate (Rolling 24-hr average, ppmv CO @ 3% O<sub>2</sub>)  
RER = regulatory emission rate (Rolling 24-hr average, 400 ppmv CO @ 3% O<sub>2</sub>)<sup>1</sup>

$$316,831 \text{ MMBtu} * \frac{(440 - 400) \text{ ppmv}}{10^6} * \frac{28.01 \frac{\text{lb}}{\text{lbmol}}}{385.3 \frac{\text{scf}}{\text{lbmol}}} * 8,466 \frac{\text{dscf}}{\text{MMBtu}} * \frac{1 \text{ ton}}{2000 \text{ lb}} = 3.9 \text{ tons of CO}$$

<sup>1</sup> Alternative Case Specific Specifications for CO emissions pursuant to 30 TAC §117.325 and Permit 3452/PSD-TX-302M2 may be substituted for SGT01/HRSG1, SGT02/HRSG2, SGT03/HRSG3, SGT04/HRSG4, and SGT05/HRSG5.

**For stationary internal combustion engines subject to 30 TAC §117.310(c)(1)(B) (Attachment B List 2):**

ELA = expected level of activity (1-hr average, hp-hr)  
EER = expected emission rate (1-hr average, g CO/hp-hr)  
RER = regulatory emission rate (1-hr average, 3.0 g CO/hp-hr)

$$15,418 \text{ hp-hr} * (9.0 - 3.0) \frac{\text{g}}{\text{hp-hr}} * \frac{1 \text{ lb}}{453.6 \text{ g}} * \frac{1 \text{ ton}}{2000 \text{ lb}} = 0.1 \text{ tons CO}$$

**Total DERCs Needed = 3.9 tons + 0.1 tons + 10% Environmental Contribution**  
**= 4.0 tons + 0.4 tons = 4.4 tons**

**ATTACHMENT B**  
**Baytown Olefins Plant**  
**CN600123939 / RN102212925**  
**DEC-2 Supporting Documentation**  
**Use Period March 31, 2023 to June 28, 2023**  
**February 9, 2023**

**List 1**

*Subject to 30 TAC §117.310(c)(1)(A): CEMS*  
*Limit = 400 ppmvd CO @ 3% O<sub>2</sub>, 24-hr rolling average <sup>1</sup>*

| EPN       | FIN         | Source Name                                                |
|-----------|-------------|------------------------------------------------------------|
| E-7-1     | BOILER A    | Boiler A                                                   |
| E-7-1     | BOILER B    | Boiler B                                                   |
| E-7-1     | BOILER C    | Boiler C                                                   |
| E-7-1     | BOILER D    | Boiler D                                                   |
| HRSG1     | SGT01/HRSG1 | Stationary Gas Turbine 1 / Heat Recovery Steam Generator 1 |
| HRSG2     | SGT02/HRSG2 | Stationary Gas Turbine 2 / Heat Recovery Steam Generator 2 |
| HRSG3     | SGT03/HRSG3 | Stationary Gas Turbine 3 / Heat Recovery Steam Generator 3 |
| HRSG4     | SGT04/HRSG4 | Stationary Gas Turbine 4 / Heat Recovery Steam Generator 4 |
| HRSG5     | SGT05/HRSG5 | Stationary Gas Turbine 5 / Heat Recovery Steam Generator 5 |
| CAF01-ST  | CAF01       | Pyrolysis Reactor AF-01                                    |
| CBF01-ST  | CBF01       | Pyrolysis Reactor BF-01                                    |
| CCF01-ST  | CCF01       | Pyrolysis Reactor CF-01                                    |
| CDF01-ST  | CDF01       | Pyrolysis Reactor DF-01                                    |
| CEF01-ST  | CEF01       | Pyrolysis Reactor EF-01                                    |
| CFF01-ST  | CFF01       | Pyrolysis Reactor FF-01                                    |
| CGF01-ST  | CGF01       | Pyrolysis Reactor GF-01                                    |
| CHF01-ST  | CHF01       | Pyrolysis Reactor HF-01                                    |
| CIF01-ST  | CIF01       | Pyrolysis Reactor IF-01                                    |
| CJF01-ST  | CJF01       | Pyrolysis Reactor JF-01                                    |
| COF01-ST  | COF01       | Pyrolysis Reactor OF-01                                    |
| CQF01-ST  | CQF01       | Pyrolysis Reactor QF-01                                    |
| XAF01-ST  | XAF01       | Pyrolysis Reactor XAF-01                                   |
| XBF01-ST  | XBF01       | Pyrolysis Reactor XBF-01                                   |
| XCF01-ST  | XCF01       | Pyrolysis Reactor XCF-01                                   |
| XDF01-ST  | XDF01       | Pyrolysis Reactor XDF-01                                   |
| XEF01-ST  | XEF01       | Pyrolysis Reactor XEF-01                                   |
| XFF01-ST  | XFF01       | Pyrolysis Reactor XFF-01                                   |
| XGF01-ST  | XGF01       | Pyrolysis Reactor XGF-01                                   |
| XXAF01-ST | XXAF01      | Pyrolysis Reactor XXAF-01                                  |
| XXBF01-ST | XXBF01      | Pyrolysis Reactor XXBF-01                                  |
| XXCF01-ST | XXCF01      | Pyrolysis Reactor XXCF-01                                  |
| XXDF01-ST | XXDF01      | Pyrolysis Reactor XXDF-01                                  |
| XXEF01-ST | XXEF01      | Pyrolysis Reactor XXEF-01                                  |
| XXFF01-ST | XXFF01      | Pyrolysis Reactor XXFF-01                                  |
| XXGF01-ST | XXGF01      | Pyrolysis Reactor XXGF-01                                  |
| XXHF01-ST | XXHF01      | Pyrolysis Reactor XXHF-01                                  |

**List 2**

*Subject to 30 TAC §117.310(c)(1)(B): non-CEMS Stationary Engines*  
*Limit = 3.0 g CO/hp-hr, 1-hr average*

| EPN        | FIN        | Source Name                                  |
|------------|------------|----------------------------------------------|
| BOPXPAC1   | BOPXPAC1   | Diesel BOPX Portable Air Compressor 1        |
| BOPXPAC2   | BOPXPAC2   | Diesel BOPX Portable Air Compressor 2        |
| XGF01PAC   | XGF01PAC   | Diesel BOPX Portable Air Compressor at XGF01 |
| DIESELGCRK | DIESELGCRK | Diesel Goose Creek Pump                      |
| HEPAC1     | HEPAC1     | Diesel Hot Ends Portable Air Compressor 1    |
| HEPAC2     | HEPAC2     | Diesel Hot Ends Portable Air Compressor 2    |
| UTPAC1     | UTPAC1     | Diesel Utilities Portable Air Compressor 1   |
| UTPAC2     | UTPAC2     | Diesel Utilities Portable Air Compressor 2   |
| UTPAC3     | UTPAC3     | Diesel Utilities Portable Air Compressor 3   |
| UTZA03     | UTZA03     | ZA03 Sump Pump Engine                        |
| LUNCHTNT   | LUNCHTNT   | Lunch Tent Engine                            |

<sup>1</sup> Per Special Condition 38B(1)(b) of NSR Permit 3452/PSD-TX-302M2 (effective 8/25/2022), during periods of startup, shutdown, and maintenance on the steam generator / gas turbines for trains 1, 2, 3, 4 and 5, the CO emissions are not required to comply with 30 TAC §117.310(c)(1)(A), 400 ppmv at 3% O<sub>2</sub> on a rolling 24-hour average basis. A CO continuous emission monitor must be properly operated and maintained. During any 24-hour period in which equipment authorized by this permit and subject to 30 TAC 117.310(c) is operating in startup, shutdown or maintenance (MSS) mode, lasting a maximum of 12 hours, the maximum CO emissions will be limited to 500 parts per million by volume (ppmv) @ 15 % O<sub>2</sub>, based on a 24-hour rolling average.

## Central Registry Internal Reporting

Main Query Page

Program Area Search

| Regulated Entity Detail |                                            |                 |            |                              |             |
|-------------------------|--------------------------------------------|-----------------|------------|------------------------------|-------------|
| Regulated Entity Name:  | EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT |                 |            | RN:                          | RN102212925 |
| Status:                 | Active                                     | Status Comment: |            | Stand Alone:                 | N           |
| Physical Address:       | 3525 DECKER DR BAYTOWN, TX 77520-1646      |                 |            | County:                      | HARRIS      |
| Physical Location:      |                                            |                 |            |                              |             |
| Nearest City:           | BAYTOWN                                    | State:          | TX         | Zip Code:                    | 77520       |
| Latitude:               | 29° 45 min 0 sec (29.750000)               |                 | Longitude: | 95° 1 min 0 sec (-95.016666) |             |

1-8 of 8 Records

| Affiliated Customers        |                                                  |                |            |            | List All                     |
|-----------------------------|--------------------------------------------------|----------------|------------|------------|------------------------------|
| CN Number                   | Customer* ▲                                      | Role           | Begin Date | End Date   | RE Comp Hist                 |
| <a href="#">CN604154971</a> | <a href="#">AMERICAN INTEGRATED SERVICES INC</a> | OPERATOR       | 09/26/2022 | 12/31/3000 | N/A                          |
| <a href="#">CN605159847</a> | <a href="#">BECHTEL ENERGY INC</a>               | OWNER OPERATOR | 04/10/2018 | 12/31/3000 | <a href="#">SATISFACTORY</a> |
| <a href="#">CN604601013</a> | <a href="#">CHRISTENSEN BUILDING GROUP LLC</a>   | OPERATOR       | 08/16/2019 | 12/31/3000 | <a href="#">SATISFACTORY</a> |
| <a href="#">CN604458927</a> | <a href="#">EXXON CHEMICAL ASSET MGMT</a>        | OWNER          | 01/1/1800  | 12/31/3000 | <a href="#">SATISFACTORY</a> |
| <a href="#">CN601463607</a> | <a href="#">EXXON COMPANY USA</a>                | OWNER OPERATOR | 01/1/1800  | 12/31/3000 | <a href="#">SATISFACTORY</a> |
| <a href="#">CN600123939</a> | <a href="#">EXXON MOBIL CORPORATION</a>          | OWNER OPERATOR | 01/1/1800  | 12/31/3000 | <a href="#">SATISFACTORY</a> |
| <a href="#">CN603819293</a> | <a href="#">W T BYLER CO INC</a>                 | OPERATOR       | 09/12/2022 | 12/31/3000 | N/A                          |
| <a href="#">CN603134461</a> | <a href="#">WORLEY FIELD SERVICES INC</a>        | N/A            | 11/2/2018  | 12/31/3000 | N/A                          |

Page 1 2 3 &gt; 1-50 of 119 Records

| Program Interests       |         |                |                            |                |                                            |                |                                                       |                         |                          |
|-------------------------|---------|----------------|----------------------------|----------------|--------------------------------------------|----------------|-------------------------------------------------------|-------------------------|--------------------------|
| Program                 | RE Type | ID Type        | Addn ID                    | Addn ID Status | Alt RE Name                                | Role           | Customer Name (CN)                                    | Begin Date - End Date   | View 'Issued To' History |
| AIR EMISSIONS INVENTORY | SITE    | ACCOUNT NUMBER | <a href="#">HG0228H</a>    | ACTIVE         |                                            |                |                                                       |                         | <a href="#">View</a>     |
| AIR NEW SOURCE PERMITS  | SITE    | EPA PERMIT     | <a href="#">PSDTX713</a>   | ACTIVE         | EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT | OWNER OPERATOR | <a href="#">Exxon Mobil Corporation (CN601463607)</a> | 01/01/1800 - 12/31/3000 | <a href="#">View</a>     |
| AIR NEW SOURCE PERMITS  | SITE    | EPA PERMIT     | <a href="#">PSDTX302M1</a> | ACTIVE         | EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT | OWNER OPERATOR | <a href="#">Exxon Mobil Corporation (CN600123939)</a> | 01/01/1800 - 12/31/3000 | <a href="#">View</a>     |
| AIR NEW SOURCE PERMITS  | SITE    | REGISTRATION   | <a href="#">47580</a>      | CANCELLED      | EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT | OWNER OPERATOR | <a href="#">Exxon Mobil Corporation (CN600123939)</a> | 01/01/1800 - 12/31/3000 | <a href="#">View</a>     |
| AIR NEW SOURCE PERMITS  | SITE    | PERMIT         | <a href="#">9910</a>       | CANCELLED      | EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT | OWNER OPERATOR | <a href="#">Exxon Mobil Corporation (CN600123939)</a> | 01/01/1800 - 12/31/3000 | <a href="#">View</a>     |
| AIR NEW SOURCE PERMITS  | SITE    | EPA PERMIT     | <a href="#">PSDTX302M2</a> | ACTIVE         | EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT | OWNER OPERATOR | <a href="#">Exxon Mobil Corporation (CN600123939)</a> | 01/01/1800 - 12/31/3000 | <a href="#">View</a>     |
| AIR NEW SOURCE PERMITS  | SITE    | REGISTRATION   | <a href="#">54793</a>      | ACTIVE         | EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT | OWNER OPERATOR | <a href="#">Exxon Mobil Corporation (CN600123939)</a> | 10/30/1979 - 12/31/3000 | <a href="#">View</a>     |
| AIR NEW SOURCE PERMITS  | SITE    | REGISTRATION   | <a href="#">87598</a>      | ACTIVE         | EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT | OWNER OPERATOR | <a href="#">Exxon Mobil Corporation (CN600123939)</a> | 10/30/1979 - 12/31/3000 | <a href="#">View</a>     |
| AIR NEW SOURCE PERMITS  | SITE    | REGISTRATION   | <a href="#">71717</a>      | ACTIVE         | EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT | OWNER OPERATOR | <a href="#">Exxon Mobil Corporation (CN600123939)</a> | 10/30/1979 - 12/31/3000 | <a href="#">View</a>     |
| AIR NEW SOURCE PERMITS  | SITE    | REGISTRATION   | <a href="#">52330</a>      | ACTIVE         | EXXON MOBIL CHEMICAL                       | OWNER OPERATOR | <a href="#">Exxon Mobil Corporation (CN600123939)</a> | 10/30/1979 - 12/31/3000 | <a href="#">View</a>     |

## Banking Cap and Trade

### Certificate Detail

#### Detail Data for Certificate Num D2940

##### Detail Data for Certificate Num D2940

**Certificate Number:** D2940  
**Parent Certificate:** [D2929](#)  
**County Name:** MONTGOMERY  
**End Date:** 12/30/3000  
**Gen Period Start Date:** 04/08/1999  
**Gen Period End Date:** 07/31/1999  
**Source:** POINT

##### Tons Quantity Pollutant Code

4.40 CO

#### Children Detail Data for Certificate Num D2940

| Certificate Num | Cont Code | Avail Tons | Active/Inactive | Original Cert Num | Parent Cert Num | Portfolio |
|-----------------|-----------|------------|-----------------|-------------------|-----------------|-----------|
|-----------------|-----------|------------|-----------------|-------------------|-----------------|-----------|

#### Portfolio Listing

| Portfolio Num | Portfolio Name                                                  | Company Name            | Summary                      | Fins List                 | Transactions List             |
|---------------|-----------------------------------------------------------------|-------------------------|------------------------------|---------------------------|-------------------------------|
| P0275         | <a href="#">EXXON MOBIL BAYTOWN OLEFINS PLANT - RN102212925</a> | EXXON MOBIL CORPORATION | <a href="#">View Summary</a> | <a href="#">Fins List</a> | <a href="#">Xactions List</a> |

**From:** [Jacob Morrison](#)  
**To:** [COLTON.D.CROMER@EXXONMOBIL.COM](mailto:COLTON.D.CROMER@EXXONMOBIL.COM)  
**Cc:** [CHRISTY.MAK@EXXONMOBIL.COM](mailto:CHRISTY.MAK@EXXONMOBIL.COM); [Air\\_Permits@pcs.hctx.net](mailto:Air_Permits@pcs.hctx.net)  
**Subject:** TCEQ EBT Documents - DERC Intent to Use - Exxon Mobil Chemical Baytown Olefins Plant  
**Date:** Monday, February 27, 2023 9:12:00 AM  
**Attachments:** [417825 DERC Intent Letter.pdf](#)

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Attached: PDF letter

Please see the attached EBT document(s) for project number **417825**. For additional information about this project, visit the [TCEQ EBT Database](#). If you have any questions, please see the contact information in the last paragraph of the attached letter.

**Texas Commission on Environmental Quality**

EBT Programs  
(512) 239-4900  
[ebt@tceq.texas.gov](mailto:ebt@tceq.texas.gov)

Sign up to receive e-mail updates about EBT programs on the [TCEQ GovDelivery subscription page](#). Select *Emissions Banking and Trading (EBT) Program* under the *Air Quality* heading.

**From:** [APDDIR](#)  
**To:** [Rebecca Partee](#); [APDDIR](#)  
**Cc:** [PSSMGR](#); [EBTTL](#); [Jacob Morrison](#)  
**Subject:** RE: For Review & Approval by 2/28/23: DERC Intent to Use 417825  
**Date:** Monday, February 27, 2023 8:39:51 AM

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Approved

Samuel Short  
Deputy Director, Air Permits Division  
Texas Commission on Environmental Quality  
512 239-5363  
[Samuel.short@tceq.texas.gov](mailto:Samuel.short@tceq.texas.gov)



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

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**From:** Rebecca Partee <[rebecca.partee@tceq.texas.gov](mailto:rebecca.partee@tceq.texas.gov)>  
**Sent:** Monday, February 27, 2023 8:30 AM  
**To:** APDDIR <[APDDIR@tceq.texas.gov](mailto:APDDIR@tceq.texas.gov)>  
**Cc:** PSSMGR <[PSSMGR@tceq.texas.gov](mailto:PSSMGR@tceq.texas.gov)>; EBTTL <[EBTTL@tceq.texas.gov](mailto:EBTTL@tceq.texas.gov)>; Jacob Morrison <[Jacob.Morrison@tceq.texas.gov](mailto:Jacob.Morrison@tceq.texas.gov)>  
**Subject:** FW: For Review & Approval by 2/28/23: DERC Intent to Use 417825

Sam,

Please see the attached for your approval.

Thank you,  
Rebecca

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**From:** PSSMGR <[PSSMGR@tceq.texas.gov](mailto:PSSMGR@tceq.texas.gov)>  
**Sent:** Friday, February 24, 2023 1:27 PM  
**To:** Rebecca Partee <[rebecca.partee@tceq.texas.gov](mailto:rebecca.partee@tceq.texas.gov)>  
**Cc:** EBTTL <[EBTTL@tceq.texas.gov](mailto:EBTTL@tceq.texas.gov)>; Jacob Morrison <[Jacob.Morrison@tceq.texas.gov](mailto:Jacob.Morrison@tceq.texas.gov)>  
**Subject:** FW: For Review & Approval by 2/28/23: DERC Intent to Use 417825

Please see the attached documents for DERC Intent to Use 417825.

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**From:** Jacob Morrison <[Jacob.Morrison@tceq.texas.gov](mailto:Jacob.Morrison@tceq.texas.gov)>  
**Sent:** Wednesday, February 22, 2023 3:30 PM

**To:** Marie Mercado <[Marie.Mercado@tceq.texas.gov](mailto:Marie.Mercado@tceq.texas.gov)>

**Cc:** EBTTL <[EBTTL@tceq.texas.gov](mailto:EBTTL@tceq.texas.gov)>

**Subject:** For Review & Approval by 2/28/23: DERC Intent to Use 417825

Hi Marie,

Attached is a CO DERC Intent to Use project for the Exxon Mobil Chemical Baytown Olefins Plant (P0275).

Thanks,

Jacob Morrison  
TCEQ - Air Permits Division  
Emissions Banking and Trading Program  
512-239-3818