

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 6, 2022

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

Subject: Use of 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: 417290

Dear Colton Cromer:

This letter is in response to the Notice of Use of Discrete Emission Credits submitted on May 13, 2022, regarding the use of carbon monoxide (CO) discrete emission reduction credits (DERCs) for compliance with 30 Texas Administrative Code (TAC) §117.301(c)(1). The Texas Commission on Environmental Quality (TCEQ) is approving the DERC use as summarized below. Any retained certificates are now available for future use or trade as allowed under 30 TAC Chapter 101, Subchapter H, Division 4.

CO	Period	DERC ID	Quantity	Quantity	DERC ID	Quantity
CO	6/29/2021 - 3/30/2022	D3374	9.9	0.0	D3374	9.9

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. If you have questions concerning this project or the EBT program, please contact Joseph Musa at joseph.musa@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 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

P.O. Box 13087 · Austin, Texas 78711-3087 · 512-239-1000 · tceq.texas.gov

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06/06/2022 ----- EBTP IMS- PROJECT RECORD -----

PROJECT#: 417290 STATUS: C DISP CODE: _____
RECEIVED: 05/13/2022 PROJTYPE: BUSE ISSUED DT: _____
SUP-DISP DATE: 06/06/2022

STAFF ASSIGNED TO PROJECT:

MUSA, JOSEPH

PROJECT NOTES:

.USE PERIOD: 6/29/2021 THROUGH 3/30/2022. INTENT PROJECT NUMBER 416373.

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: COLTON CROMER TITLE: ENVIRONMENTAL SECTION SUPERVISOR
ROLE: AAR
STREET: PO BOX 4004
CITY/STATE, ZIP: BAYTOWN, TX , 77522-4004
PHONE: 346-259-0489 -
EMAIL: COLTON.D.CROMER@EXXONMOBIL.COM

NAME: CHRISTY MAK TITLE: AIR ADVISOR
ROLE: TECHNICAL
STREET:
CITY/STATE, ZIP:
PHONE: 346-259-4899 -
EMAIL: CHRISTY.MAK@EXXONMOBIL.COM

TRANSACTION DATA

TRANSACTION TYPE: DERC_RET
DATE ENTERED: 2022-05-13 00:00:00.0 DELETED DATE: EFFECTIVE YEAR:
CONTAMINATE: CO TONS: 9.90 DOLLARS: 0
ALLOWANCE0 CERTIFICATE NO.: D3374 COUNTY : HARRIS

TRANSACTION DATA

TRANSACTION TYPE: DERC_USE
DATE ENTERED: 2022-05-13 00:00:00.0 DELETED DATE: EFFECTIVE YEAR:
CONTAMINATE: CO TONS: 0 DOLLARS: 0
ALLOWANCE0 CERTIFICATE NO.: 0 COUNTY : HARRIS

TRACKING ACTIVITIES

PROJECT RECEIVED BY 05/13/2022 PROJECT SUBMITTED : 05/13/2022 TEAM LEAD REVIEW : 06/02/2022

PM :
SECTION MANAGER
REVIEW : 06/02/2022

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
 CURRENT ALLOWANCE BALANCE	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
VINTAGE ALLOWANCE BALANCE	<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
BALANCE	0	0	0	0	0	0	0
 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
BALANCE	0	0	0	0	0	0	0
 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
BALANCE	0	0	0	0	0	0	0
 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
BALANCE	0	0	0	0	0	0	0
 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
BALANCE	0	0	0	0	0	0	0
 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
BALANCE	0	0	0	0	0	0	0
 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
BALANCE	0	0	0	0	0	0	0
 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
BALANCE	0	0	0	0	0	0	0

** This fin was recertified.

Balance	2018	2019	2020	2021	2022	2023	2024
Flexible Allowance	0	0	0	0	0	0	0
Penalty	0	0	0	0	0	0	0
Associated Annual Emissions	-0	-0	-0	-0	-0	-0	-0
BALANCE	0	0	0	0	0	0	0

Sb7 Allowances for Pollutant CO

Balance/Year	2018	2019	2020	2021	2022	2023	2024
Previous Year Deficit	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Allowances Remaining from Previous Year	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Allocation	<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>
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>
Total Reported Emissions	-0	-0	-0	-0	-0	-0	-0
Remaining Balance	<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
D2536	CO	16.90	DERC_RET	09/21/2012	04/08/1999	07/31/1999	MONTGOMERY	D2534
D3017	CO	10.10	DERC_RET	07/27/2018	04/08/1999	07/31/1999	MONTGOMERY	D2929
D3373	CO	0.20	DERC_USE	07/27/2018	04/08/1999	07/31/1999	MONTGOMERY	D3017
D2435	CO	38.00	DERC_BUY	06/03/2010	04/08/1999	07/31/1999	MONTGOMERY	D1019
D2534	CO	35.00	DERC_SELL	05/28/2010	04/08/1999	07/31/1999	MONTGOMERY	D2435
D2897	CO	16.60	DERC_INTEN	10/15/2012	04/08/1999	07/31/1999	MONTGOMERY	D2536
D3017	CO	10.10	DERC_INTEN	07/27/2018	04/08/1999	07/31/1999	MONTGOMERY	D2929
D2930	CO	0.20	DERC_USE	10/15/2012	04/08/1999	07/31/1999	MONTGOMERY	D2897
D3374	CO	9.90	DERC_RET	12/30/3000	04/08/1999	07/31/1999	MONTGOMERY	D3017
D2896	CO	0.30	DERC_USE	09/21/2012	04/08/1999	07/31/1999	MONTGOMERY	D2536
D2940	CO	4.40	DERC_RET	12/30/3000	04/08/1999	07/31/1999	MONTGOMERY	D2929
D2929	CO	16.40	DERC_INTEN	05/18/2013	04/08/1999	07/31/1999	MONTGOMERY	D2897
D3016	CO	1.90	DERC_USE	05/18/2013	04/08/1999	07/31/1999	MONTGOMERY	D2929
D2534	CO	35.00	DERC_RET	05/28/2010	04/08/1999	07/31/1999	MONTGOMERY	D2435
D2897	CO	16.60	DERC_RET	10/15/2012	04/08/1999	07/31/1999	MONTGOMERY	D2536
D2940	CO	4.40	DERC_INTEN	12/30/3000	04/08/1999	07/31/1999	MONTGOMERY	D2929
D3374	CO	9.90	DERC_INTEN	12/30/3000	04/08/1999	07/31/1999	MONTGOMERY	D3017
D2536	CO	16.90	DERC_INTEN	09/21/2012	04/08/1999	07/31/1999	MONTGOMERY	D2534
D2435	CO	38.00	DERC_SELL	06/03/2010	04/08/1999	07/31/1999	MONTGOMERY	D1019
D2929	CO	16.40	DERC_RET	05/18/2013	04/08/1999	07/31/1999	MONTGOMERY	D2897

**Texas Commission On Environmental Quality
Form DEC-3 (Page 1)
Notice of Use of 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
PO BOX 13087
AUSTIN, TX 78711-3087**

I. Company Identifying Information	
A. Company Name:	Exxon Mobil Corporation
Mailing Address:	P.O. Box 100
City:	Baytown
State:	TX
ZIP Code:	77522-0100
Telephone Number:	346-259-4899
Fax Number:	346-259-5788
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
II. Technical Contact Identifying Information	
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-3 (Page 2)
Notice of Use of Discrete Emission Credits
(Title 30 Texas Administrative Code § 101.370 - § 101.379)

II. Technical Contact Identifying Information (continued)	
Mailing Address:	P.O. Box 4004
City:	Baytown
State:	TX
ZIP Code:	77522-4004
Telephone Number:	346-259-4899
Fax Number:	346-259-5788
Email Address:	christy.mak@exxonmobil.com
III. Company Contact Identifying Information (If different from Technical Contact)	
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:	
IV. Mass Emission Cap and Trade Program (MECT)	
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>	
V. Intended Use Period	
Intended Use Start Date:	06/29/2021
Intended Use End Date:	03/30/2022

Texas Commission On Environmental Quality
Form DEC-3 (Page 3)
Notice of Use of 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/PAL6

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.

No CO DERCs were used for this use period; therefore, the calculation protocol is not included.

Texas Commission On Environmental Quality
Form DEC-3 (Page 4)
Notice of Use of 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 (units)	Expected Emission Rate (units)	Expected Total Emissions (tons)	Regulated Activity (units)	Regulated Emission Rate (units)	Regulated Total Emissions (tons)	DERCs (tons)
-	-	-	-	-	-	-	-	-	-
								Total:	0.0

**Texas Commission On Environmental Quality
Form DEC-3 (Page 5)
Notice of Use of Discrete Emission Credits
(Title 30 Texas Administrative Code § 101.370 - § 101.379)**

X. Total DERCS Required for Use (round up to the nearest tenth of a ton)
Tons of DERCS required (from Section VII.)
CO: 0.0
NO _x :
PM ₁₀ :
SO ₂ :
VOC:
Offset Ratio (if required)
CO:
NO _x :
PM ₁₀ :
SO ₂ :
VOC:
Environmental Contribution (+ 10%)
CO: 0.0
NO _x :
PM ₁₀ :
SO ₂ :
VOC:
Compliance Margin (+ 5%) <i>(If DERC use requires >10 tons)</i>
CO:
NO _x :
PM ₁₀ :
SO ₂ :
VOC:
Total DERCS
CO: 0.0
NO _x :
PM ₁₀ :
SO ₂ :
VOC:

Texas Commission On Environmental Quality
Form DEC-3 (Page 6)
Notice of Use of Discrete Emission Credits
(Title 30 Texas Administrative Code § 101.370 - § 101.379)

XI. DERC Information

Name of the DERC Generator: Exxon Mobil Corporation

DERC Generator Regulated Entity Number: RN102212925

Certificate number of the DERCs acquired or to be acquired: D3374

Date on which the DERCs were acquired or will be acquired: 7/27/2018

Note: The certificate number is assigned by the TCEQ.

XII. Purchase Date Price

Date Purchase or date of generation of the DERC certificate:

Price or Expected Price:

Generator Price:

XIII. Certification by Responsible Official

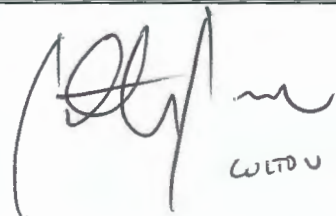
I, Chris R. Duffy

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: 

Signature Date: May 13 2022

Title: BOP Process Manager

 5/13/22
WESTON CRAMER

Central Registry Query - Regulated Entity Information

Regulated Entity Information

RN Number: RN102212925

Name: EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT [View Prior Names ...](#)

Primary Business: INDUSTRIAL

Street Address: 3525 DECKER DR, BAYTOWN TX 77520 1646

County: HARRIS

Nearest City: BAYTOWN

State: TX

Near ZIP Code: 77520

Physical Location: 3525 Decker Drive, Baytown 77520

Affiliated Customers - Current

Your Search Returned **6** Current Affiliation Records ([View Affiliation History ...](#))

The Customer Name displayed may be different than the Customer Name associated to the Additional IDs related to the customer. This name may be different due to ownership changes, legal name changes, or other administrative changes.

1-6 of 6 Records

CN Number ▲	Customer Name	Customer Role(s)	Details
CN600123939	EXXON MOBIL CORPORATION	OWNER OPERATOR	
CN601463607	EXXON COMPANY USA	OWNER OPERATOR	
CN603134461	WORLEY FIELD SERVICES INC	N/A	
CN604458927	EXXON CHEMICAL ASSET MGMT	OWNER	
CN604601013	CHRISTENSEN BUILDING GROUP LLC	OPERATOR	
CN605159847	BECHTEL ENERGY INC	OWNER OPERATOR	

Industry Type Codes

Code	Classification	Name
32411	NAICS	Petroleum Refineries
324110	NAICS	Petroleum Refineries
325110	NAICS	Petrochemical Manufacturing
325199	NAICS	All Other Basic Organic Chemical Manufacturing
325211	NAICS	Plastics Material and Resin Manufacturing
1542	SIC	General Contractors-Nonresidential Buildings
2869	SIC	Industrial Organic Chemicals
2911	SIC	Petroleum Refining

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



ELECTRONIC MAIL

May 13, 2022

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

ebt@tceq.texas.gov

**Re: Application for Notice of Use
Discrete Emission Reduction Credits (DERC) Form DEC-3
Exxon Mobil Corporation Baytown Olefins Plant
Account No.: HG-0228-H
CN600123939 / RN102212925**

To whom it may concern:

Exxon Mobil Corporation is submitting an Application for Notice of Use of Discrete Emission Reduction Credits (DERCs), Form DEC-3, to meet the requirements of 30 TAC §101.376(e) for the use period of June 29, 2021 – March 30, 2022, at the Baytown Olefins Plant (BOP), located in Baytown, Harris County, Texas. This use notice corresponds with the submittal of Notice of Intent to Use, Form DEC-2, dated February 10, 2021 for compliance with 30 TAC §117.310(c)(1), §117.325, and Permit 3452/PSD-TX-302M2/PAL6 at BOP.

No CO DERCs were used as an alternate compliance method to the requirements in 30 TAC §117.310(c)(1), §117.325, or Permit 3452/PSD-TX-302M2/PAL6 for this use period; therefore, 9.9 tons of CO DERCs are still available for future use on DERC Certificate D3374. Supporting documentation is included in Attachment A. Since DERCs were not used for this period, the calculation protocol is not included.

If you have any questions concerning this application or require any additional information, please contact me at (346) 259-4899 or via email at christy.mak@exxonmobil.com.

Sincerely,

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

Christy Mak
Environmental Advisor

Attachments

ATTACHMENT A
Baytown Olefins Plant
CN600123939 / RN102212925
DEC-3 Supporting Documentation
Use Period June 29, 2021 to March 30, 2022
May 13, 2022

Sources with CEMS				
EPN	FIN	FIN Name	Max CO Rolling 24-hr Avg. ppmv CO @ 3% O ₂ ^{1, 2}	Limit Rolling 24-hr Avg. ppmv CO @ 3% O ₂ ¹
HRSG1	SGT01/HRSG1	Stationary Gas Turbine 1 / Heat Recovery Steam Generator 1	270	400
HRSG2	SGT02/HRSG2	Stationary Gas Turbine 2 / Heat Recovery Steam Generator 2	276	400
HRSG3	SGT03/HRSG3	Stationary Gas Turbine 3 / Heat Recovery Steam Generator 3	345	400
HRSG4	SGT04/HRSG4	Stationary Gas Turbine 4 / Heat Recovery Steam Generator 4	334	400
HRSG5	SGT05/HRSG5	Stationary Gas Turbine 5 / Heat Recovery Steam Generator 5	15	400
CAF01-ST	CAF01	Pyrolysis Reactor AF-01	240	400
CBF01-ST	CBF01	Pyrolysis Reactor BF-01	22	400
CCF01-ST	CCF01	Pyrolysis Reactor CF-01	70	400
CDF01-ST	CDF01	Pyrolysis Reactor DF-01	36	400
CEF01-ST	CEF01	Pyrolysis Reactor EF-01	82	400
CFF01-ST	CFF01	Pyrolysis Reactor FF-01	33	400
CGF01-ST	CGF01	Pyrolysis Reactor GF-01	35	400
CHF01-ST	CHF01	Pyrolysis Reactor HF-01	28	400
CIF01-ST	CIF01	Pyrolysis Reactor IF-01	<1	400
CJF01-ST	CJF01	Pyrolysis Reactor JF-01	53	400
COF01-ST	COF01	Pyrolysis Reactor OF-01	113	400
CQF01-ST	CQF01	Pyrolysis Reactor QF-01	24	400
XAF01-ST	XAF01	Pyrolysis Reactor XAF-01	72	400
XBF01-ST	XBF01	Pyrolysis Reactor XBF-01	26	400
XCF01-ST	XCF01	Pyrolysis Reactor XCF-01	20	400
XDF01-ST	XDF01	Pyrolysis Reactor XDF-01	16	400
XEF01-ST	XEF01	Pyrolysis Reactor XEF-01	35	400
XFF01-ST	XFF01	Pyrolysis Reactor XFF-01	12	400
XGF01-ST	XGF01	Pyrolysis Reactor XGF-01	2	400
E-7-1	BOILER A	Boiler A	24	400
E-7-1	BOILER B	Boiler B	278	400
E-7-1	BOILER C	Boiler C	35	400
E-7-1	BOILER D	Boiler D	33	400
XXAF01-ST	XXAF01	Pyrolysis Reactor XXAF-01	<1	400
XXBF01-ST	XXBF01	Pyrolysis Reactor XXBF-01	1	400
XXCF01-ST	XXCF01	Pyrolysis Reactor XXCF-01	2	400
XXDF01-ST	XXDF01	Pyrolysis Reactor XXDF-01	<1	400
XXEF01-ST	XXEF01	Pyrolysis Reactor XXEF-01	<1	400
XXFF01-ST	XXFF01	Pyrolysis Reactor XXFF-01	2	400
XXGF01-ST	XXGF01	Pyrolysis Reactor XXGF-01	<1	400
XXHF01-ST	XXHF01	Pyrolysis Reactor XXHF-01	2	400

¹ Per Special Condition 38B(1)(b) of NSR Permit 3452/PSD-TX-302M2/PAL6 (effective 5/6/2021), 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% O₂ 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 % O₂, based on a 24-hour rolling average.

² Maximum rolling 24-hour average ppmv CO @ 3% O₂ provided based on normal/routine operations. CO emissions on trains 1, 2, 3, 4 and 5 did not exceed the Alternative Case Specific Specifications of 500 parts per million by volume (ppmv) @ 15 % O₂, based on a 24-hour rolling average during any 24-hour period in which the gas turbine was operating in startup, shutdown, and maintenance mode.

From: [EBTTL](#)
To: [PSSMGR](#)
Cc: [Joseph Musa](#)
Subject: For Review and Approval by 6/7/22: DERC Use 417290
Date: Thursday, June 2, 2022 2:53:09 PM
Attachments: [417290 DERC Use D3374.pdf](#)
[417290 DCUS.docx](#)
[417290 Route Slip.docx](#)

Hi Daniel,

Please see the attached documents for DERC Use 417290. This is a zero DERC Use, there is no technical review. Thanks!

From: Joseph Musa <joseph.musa@tceq.texas.gov>
Sent: Thursday, June 2, 2022 7:55 AM
To: EBTTL <EBTTL@tceq.texas.gov>
Subject: For Review and Approval by 6/6/22: DERC Use 417290

Melissa:

Please find the attached documents for the referenced project. No DERCs were used during the use period.

Joseph Musa
(512) 239-3328

From: [PSSMGR](#)
To: [Beryl Thatcher](#)
Cc: [EBTTL](#); [Joseph Musa](#)
Subject: FW: For Review and Approval by 6/7/22: DERC Use 417290
Date: Friday, June 3, 2022 9:10:31 AM
Attachments: [417290 DERC Use D3374.pdf](#)
[417290 DCUS.docx](#)
[417290 Route Slip.docx](#)

Please see the attached documents for DERC Use 417290. This is a zero DERC Use, there is no technical review

From: [APDDIR](#)
To: [Beryl Thatcher](#); [APDDIR](#)
Cc: [PSSMGR](#); [EBTTL](#); [Joseph Musa](#)
Subject: RE: For Review and Approval by 6/7/22: DERC Use 417290
Date: Monday, June 6, 2022 12:02:24 PM

Approved

Samuel Short
Deputy Director, Air Permits Division
Texas Commission on Environmental Quality
512 239-5363
Samuel.short@tceq.texas.gov



www.tceq.texas.gov/customersurvey

From: Beryl Thatcher <Beryl.Thatcher@Tceq.Texas.Gov>
Sent: Monday, June 6, 2022 8:29 AM
To: APDDIR <APDDIR@tceq.texas.gov>
Cc: PSSMGR <PSSMGR@tceq.texas.gov>; EBTTL <EBTTL@tceq.texas.gov>; Joseph Musa <joseph.musa@tceq.texas.gov>
Subject: For Review and Approval by 6/7/22: DERC Use 417290

Please see the attached documents for DERC Use 417290. This is a zero DERC Use, there is no technical review



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Joseph Musa, Project Manager	JM	6/2/2022	
Melissa Ruano, Team Leader	MR	6/2/2022	
Daniel Menendez, Section Manager			
Beryl Thatcher, Assistant Director			
Sam Short, Division Director			
M			
Emailed 6/6/2022			

From: [Joseph Musa](#)
To: colton.d.cromer@exxonmobil.com
Cc: [Mak, Christy](#); Air_Permits@pcs.hctx.net
Subject: TCEQ EBT Document - DERC Use
Date: Monday, June 6, 2022 2:30:00 PM
Attachments: [417290 Exxon Mobil Corporation.pdf](#)

Please see the attached EBT document for project number 417203. 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