

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

December 9, 2021

PRENTICE JAMES  
REGIONAL EH&S MANAGER  
UNION CARBIDE CORPORATION  
332 STATE HIGHWAY 332 EAST, APB2A1  
LAKE JACKSON, TEXAS 77566  
Via email

Subject: Notice of Intent to Use Discrete Emission Credits  
Union Carbide Corporation  
Union Carbide  
Customer Number: CN601688781  
Regulated Entity Number: RN100219351  
EBT Portfolio Number: P1148  
Project Number: 416542

Dear Prentice James:

In response to your Notice of Intent to Use Discrete Emission Credits submitted on September 30, 2021, the Texas Commission on Environmental Quality (TCEQ) set-aside the following credits for compliance with the Mass Emissions Cap and Trade Program in 2021. A Notice of Use of Discrete Emission Credits application must be submitted by March 31, 2022.

Pollutant	Use Period	Set Aside Certificate	Amount Set Aside (tons)	Retained Certificate	Amount Retained (tons)
NO <sub>x</sub>	1/1/2021 - 12/31/2021	D2545	375.4	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 David Carney at [david.carney@tceq.texas.gov](mailto:david.carney@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: Director of Environmental Health Programs, Air and Water Pollution Services, Galveston County Health District, La Marque

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

Project Number:	416542	Project Manager:	David Carney
Customer Reference No.:	CN601688781	Company Name:	Union Carbide Corporation
Regulated Entity Reference No.:	RN100219351	Site Name:	Union Carbide
Portfolio Number:	P1148	County:	Galveston

### Project Overview

Review	Explanation
Application Submitted Date:	09/30/2021
Intent Amount and Certificate(s):	375.4 tons from certificate D2545
Pollutant:	NO <sub>x</sub>
Reason for Use:	Compliance with MECT Program for 2021
Use period:	1/1/2021 - 12/31/2021
Retained Amount and Certificate(s):	N/A
Additional Information:	<p>DERCs were generated in 2000, so per §101.356(h)(2), the credits are used at a ratio of 10:1 (375.0 tons of NO<sub>x</sub> DERCs are set aside to cover 37.5 tons of emissions in 2021, if needed). An additional 0.4 ton was set aside to keep the certificate intact; this additional amount is not available for use.</p> <p>Per §101.356(h)(6)(B), if the amount of DERCs requested to be used for MECT compliance exceeds 250 tons, the amount in excess of 250 tons may be reduced so that the total amount of all DERCs used by all sites does not exceed 10,000 tons. As of the 10/1/2021 deadline, the requested amount of DERCs for MECT compliance does not exceed 10,000 tons.</p>

### Calculation Methodology

For DERCs generated before 2005, the use ratio is 10:1, so to potentially cover 37.5 tons of emissions, 375.0 tons of DERCs need to be set aside. Per precedent, the additional 0.4 ton of DERCs will be set aside as well to keep the certificate intact if it is not used.

### Conclusion

The TCEQ is approving the request to set aside 375.4 tons of NO<sub>x</sub> DERCs from certificate D2545 for compliance with the MECT program, if needed, during the use period of 1/1/2021 - 12/31/2021.

**12/09/2021 ----- EBTP IMS- PROJECT RECORD -----**

PROJECT#: 416542      STATUS: C      DISP CODE: \_\_\_\_\_  
RECEIVED: 11/03/2021      PROJTYPE: BDIU      ISSUED DT: \_\_\_\_\_  
SUP-DISP DATE: 12/09/2021

**STAFF ASSIGNED TO PROJECT:**

CARNEY, DAVID

**PROJECT NOTES:**

.FORM WAS SUBMITTED 9/30/2021, BUT DID NOT ARRIVE TO BUILDING C UNTIL 11/3/2021

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

COMPANY NAME: UNION CARBIDE CORPORATION  
CUSTOMER REGISTRY ID: CN601688781

**PORTFOLIO DATA**

NUMBER: P1148 NAME: UNION CARBIDE - RN100219351

**SITE DATA**

ACCOUNT: GB0076J  
REG ENTITY ID: RN100219351  
SITE NAME: UNION CARBIDE  
COUNTY: GALVESTON      NEAREST CITY: TEXAS CITY  
LOCATION: 3301 5TH AVE S

**CONTACT DATA**

NAME: PRENTICE C.JAMES      TITLE: REGIONAL EH&S MANAGER  
ROLE: AAR  
STREET: 332 SH 332E, APB2A1  
CITY/STATE, ZIP: LAKE JACKSON, TX , 77566-  
PHONE: 979-238-1443 -  
EMAIL: PCJAMES@DOW.COM

**TRANSACTION DATA**

TRANSACTION TYPE: DERC\_INTEN  
DATE ENTERED: 2021-11-03 00:00:00.0      DELETED DATE:      EFFECTIVE YEAR: 2021  
CONTAMINATE: **NOX**      TONS: **375.40**      DOLLARS: **0**  
ALLOWANCE1      CERTIFICATE NO.: **D2545** COUNTY : **GALVESTON**

**TRACKING ACTIVITES**

PROJECT SUBMITTED : 09/30/2021      PROJECT RECEIVED BY PM : 11/03/2021      TEAM LEAD REVIEW : 11/19/2021  
SECTION MANAGER REVIEW : 12/08/2021

**Portfolio Detail**

**Portfolio Number:** P1148  
**Portfolio Name:** UNION CARBIDE TEXAS CITY - RN100219351  
**Company Name:** UNION CARBIDE CORPORATION

**Actual Allowances for Pollutant NOX**

Balance/Year	2018	2019	2020	2021	2022	2023	2024
<b>Penalty from last year</b>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Certified Allocation</b>	<u>483.5</u>	<u>483.5</u>	<u>483.5</u>	<u>483.5</u>	<u>483.5</u>	<u>483.5</u>	<u>483.5</u>
<b>Allowances for Offsets</b>	<u>-0</u>	<u>-0</u>	<u>-0</u>	<u>-0</u>	<u>-0</u>	<u>-0</u>	<u>-0</u>
<b>Future Trade In</b>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Future Trade 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>-483.5</u>	<u>-483.5</u>	<u>-483.5</u>	<u>-483.5</u>	<u>-483.5</u>	<u>-483.5</u>	<u>-483.5</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>Total Reported Emissions</b>	-53.2	-43.8	-43.7	0	0	0	0
<b>Quantification Penalty</b>	-0	-0	-0	-0	-0	-0	-0
<b>Current Used for Compliance</b>	<u>-0</u>	<u>-0</u>	<u>-0</u>	<u>-0</u>	<u>-0</u>	<u>-0</u>	<u>-0</u>
<b>Vintage 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>Vintage Traded In</b>	<u>120</u>	<u>100</u>	<u>75</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Vintage 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>Vintage Used for Compliance</b>	<u>-53.2</u>	<u>-43.8</u>	<u>-43.7</u>	<u>-0</u>	<u>-0</u>	<u>-0</u>	<u>-0</u>
<b>DERC Intent</b>	37.54	0	37.54	0	0	0	0
<b>DERC Use</b>	0	0	0	0	0	0	0
<b>ERC Converted to Allowances</b>	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>66.8</u>	<u>56.2</u>	<u>31.3</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

**Allowable Allowances**

Balance/Year	2018	2019	2020	2021	2022	2023	2024
<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
<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

\*\* This fin was recertified.

### Flexible Allowances for Pollutant NOX

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 NOX

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="#">D2270</a>	NOX	1000.00	DERC_BUY	10/26/2010	12/31/1994		BRAZORIA	D2190
<a href="#">D2421</a>	NOX	1000.00	DERC_INTEN	10/26/2010	12/31/1994		BRAZORIA	D2282
<a href="#">D1045</a>	NOX	13.00	DERC_RET	01/14/2010	12/30/3000		GALVESTON	D1045
<a href="#">D2545</a>	NOX	375.40	DERC_BUY	12/30/3000	01/01/2001	12/31/2001	BRAZORIA	D1023
<a href="#">D1045</a>	NOX	13.00	DERC_GEN	01/14/2010	12/30/3000		GALVESTON	D1045
<a href="#">D2421</a>	NOX	1000.00	DERC_BUY	10/26/2010	12/31/1994		BRAZORIA	D2282
<a href="#">D2586</a>	NOX	1000.00	DERC_RET	09/09/2010	12/31/1994		BRAZORIA	D2422
<a href="#">D2545</a>	NOX	375.40	DERC_INTEN	12/30/3000	01/01/2001	12/31/2001	BRAZORIA	D1023
<a href="#">D1045</a>	NOX	13.00	DERC_SELL	01/14/2010	12/30/3000		GALVESTON	D1045
<a href="#">D2270</a>	NOX	1000.00	DERC_INTEN	10/26/2010	12/31/1994		BRAZORIA	D2190
<a href="#">D2422</a>	NOX	1000.00	DERC_INTEN	10/26/2010	12/31/1994		BRAZORIA	D2274
<a href="#">D2590</a>	NOX	1000.00	DERC_RET	09/09/2010	12/31/1994		BRAZORIA	D2421
<a href="#">D2545</a>	NOX	375.40	DERC_RET	12/30/3000	01/01/2001	12/31/2001	BRAZORIA	D1023

<a href="#">D2583</a>	NOX	250.00	DERC_RET	09/09/2010	12/31/1994		BRAZORIA	D2270
<a href="#">D2422</a>	NOX	1000.00	DERC_BUY	10/26/2010	12/31/1994		BRAZORIA	D2274
<a href="#">D2436</a>	NOX	750.00	DERC_RET	09/09/2010	01/01/1993	12/31/1994	BRAZORIA	D2270

**ERC**

<b>Certificate Num</b>	<b>Cont Code</b>	<b>Avail Tons</b>	<b>Transaction Type</b>	<b>Active/Inactive</b>	<b>Gen Date</b>	<b>Exp Date</b>	<b>County</b>	<b>Parent Cert Num</b>
<a href="#">2874</a>	NOX	3.80	ERC_GEN	09/17/2018	10/03/2013	10/03/2018	GALVESTON	0
<a href="#">2889</a>	NOX	1.90	ERC_SELL	03/01/2019	04/02/2014	04/02/2019	GALVESTON	0
<a href="#">2889</a>	NOX	1.90	ERC_GEN	03/01/2019	04/02/2014	04/02/2019	GALVESTON	0
<a href="#">2874</a>	NOX	3.80	ERC_SELL	09/17/2018	10/03/2013	10/03/2018	GALVESTON	0



September 29, 2021

CERTIFIED MAIL 7017 3380 0001 0023 2366

Texas Commission on Environmental Quality  
Emission Banking and Trading, MC 206  
P.O. Box 13087  
Austin, Texas 78711-3087

UNION CARBIDE TEXAS CITY RN100219351  
NOTIFICATION OF INTENT TO USE DERCS  
FORM DEC-2

Dear Sir or Madam:

The purpose of this submittal is to notify the TCEQ that Union Carbide Texas City RN100219351 intends to use discrete emission reduction credits to supplement its mass emission cap and trade allowance requirements for the 2021 control period.

For future correspondence, please contact:

Prentice C. James (979) 238-1443 or  
FAX (979) 235-8117  
e-mail [pcjames@dow.com](mailto:pcjames@dow.com)

Respectfully,

A handwritten signature in black ink, appearing to read "P. C. James", with a long horizontal flourish extending to the right.

Prentice C. James  
Regional Emissions Manager  
The Dow Chemical Company





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

<b>I. Company Identifying Information</b>			
A. Company Name: <b>Union Carbide Corporation</b>			
Mailing Address: <b>P.O. Box 471</b>			
City: <b>Texas City</b>	State: <b>TX</b>	Zip Code: <b>77592-0471</b>	
Telephone: <b>979-238-1443</b>		Fax: <b>979-235-8117</b>	
B. TCEQ Customer Number (CN): <b>CN601688781</b>			
C. Site Name: <b>Union Carbide Texas City</b>			
Street Address: <b>3301 5th Avenue South</b>			
Nearest City: <b>Texas City</b>	Zip Code: <b>77592</b>	County: <b>Galveston</b>	
D. TCEQ Regulated Entity Number (RN): <b>RN100219351</b>			
E. TCEQ Air Account Number: (if applicable): <b>GB-0076-J</b>			
F. Primary SIC:		Air Permit Number:	
<b>II. Technical Contact Identifying Information</b>			
A. Technical Contact Name: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) : <b>Prentice C. James</b>			
Technical Contact Title: <b>Regional EH&amp;S Manager</b>			
Mailing Address: <b>332 SH 332E, APB2A1</b>			
City: <b>Lake Jackson</b>	State: <b>TX</b>	Zip Code: <b>77566</b>	
Telephone: <b>979-238-1443</b>	Fax: <b>979-235-8117</b>	E-mail: <b>pcjames@dow.com</b>	
<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.) :			
Company Contact Title:			
Mailing Address:			
City:	State:	Zip Code:	
Telephone:	Fax:	E-mail:	
<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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Year DERC Generated: <u>2001</u> Year of Use: <u>2021 MECT</u> Ratio of DERC to Allowance: <u>10</u> to <u>1</u>			
<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: <u>01</u> / <u>01</u> / <u>2021</u>		Intended Use End Date: <u>12</u> / <u>31</u> / <u>2021</u>	





**Form DEC-2 (Page 1)**  
**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:

**VII. Most Stringent Emission Rate**

Describe basis for most stringent allowable emission rate:

☐ Permit \_\_\_\_\_ ☐ RACT \_\_\_\_\_ ☐ Other: \_\_\_\_\_

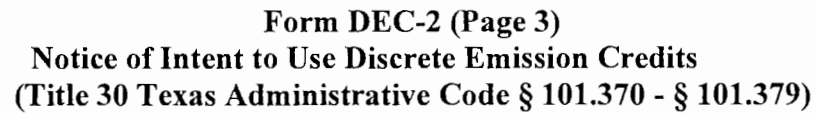
*Notes:*

**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

Continue to Section IX (next page)



Emission Point No.	FIN	Air Contaminant	Calculation of DERCs						
			Expected Activity (units)	Expected Emission Rate (units)	Expected Total Emissions (tons)	Regulated Activity (units)	Regulated Emission Rate (units)	Regulated Total Emissions (tons)	DERCs (tons)
								<b>Total:</b>	



**Form DEC-2 (Page 4)**  
**Notice of Intent to Use 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 Sect. VII.)	CO: _____	NO <sub>x</sub> : <u>37.5</u>	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____
Offset Ratio (if required)	CO: _____	NO <sub>x</sub> : <u>10:1</u>	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____
Environmental Contribution (+ 10%)	CO: _____	NO <sub>x</sub> : _____	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____
Compliance Margin (+ 5%) (If DERC use requires >10 tons)	CO: _____	NO <sub>x</sub> : _____	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____
<b>Total DERCs</b>	CO: _____	NO <sub>x</sub> : <u>375.4</u>	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____

**XI. DERC Information**

Name of the DERC Generator: Dow Texas Operations Freeport  
DERC Generator Regulated Entity Number: RN100225945  
Certificate number of the DERCs acquired or to be acquired: D2545  
Date on which the DERCs were acquired or will be acquired: 2010  
*Note: The certificate number is assigned by the TCEQ*

**XII. Certification by Responsible Official**

I, Prentice C. James, 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 regards to the generation and use of discrete emission credits.

Signature P. C. James Signature Date September 29, 2021

Title Regional Emissions Manager

Regulated Entity Detail					
Regulated Entity Name:	UNION CARBIDE			RN:	RN100219351
Status:	Active	Status Comment:		Stand Alone:	N
Physical Address:	3301 5TH AVE S TEXAS CITY, TX 77590-8121			County:	GALVESTON
Physical Location:					
Nearest City:	TEXAS CITY	State:	TX	Zip Code:	77590
Latitude:	29° 22 min 39 sec (29.377500)		Longitude:	94° 56 min 35 sec (-94.943055)	

1-5 of 5 Records

Affiliated Customers						List Current
CN Number	Customer*	Role	Begin Date	End Date	RE Comp Hist	
<a href="#">CN600130645</a>	<a href="#">LINDE INC</a>	OWNER OPERATOR	07/10/2007	12/31/3000	<a href="#">HIGH</a>	
<a href="#">CN605346337</a>	<a href="#">OILTANKING GALVESTON COUNTY LLC</a>	OWNER OPERATOR	04/1/2017	08/28/2017	N/A	
<a href="#">CN600356976</a>	<a href="#">THE DOW CHEMICAL COMPANY</a>	OWNER OPERATOR	01/1/1800	12/31/3000	<a href="#">HIGH</a>	
<a href="#">CN603905480</a>	<a href="#">UNION CARBIDE CORP SUBSIDIARY OF THE DOW</a>	OWNER	07/26/2001	07/11/2002	N/A	
<a href="#">CN601688781</a>	<a href="#">UNION CARBIDE CORPORATION</a>	OWNER OPERATOR	01/1/1800	12/31/3000	<a href="#">HIGH</a>	

Page 1 2 3 4 5 6 7 8 9 10 &gt; 1-50 of 452 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="#">GB00763</a>	ACTIVE					<a href="#">View</a>
AIR EMISSIONS INVENTORY	SITE								
AIR NEW SOURCE PERMITS	SITE	REGISTRATION	<a href="#">71866</a>	CANCELLED	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">Union Carbide Corporation (CN601688781)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>
AIR NEW SOURCE PERMITS	SITE	REGISTRATION	<a href="#">70444</a>	CANCELLED	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">Union Carbide Corporation (CN601688781)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>
AIR NEW SOURCE PERMITS	SITE	REGISTRATION	<a href="#">72683</a>	CANCELLED	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">Union Carbide Corporation (CN601688781)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>
AIR NEW SOURCE PERMITS	SITE	REGISTRATION	<a href="#">92940</a>	TRANSFER	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">The Dow Chemical Company (CN600356976)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>
AIR NEW SOURCE PERMITS	SITE	REGISTRATION	<a href="#">73594</a>	CANCELLED	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">Union Carbide Corporation (CN601688781)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>
AIR NEW SOURCE PERMITS	SITE	REGISTRATION	<a href="#">74297</a>	CANCELLED	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">Union Carbide Corporation (CN601688781)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>
AIR NEW SOURCE PERMITS	SITE	REGISTRATION	<a href="#">70510</a>	CANCELLED	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">Union Carbide Corporation (CN601688781)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>
AIR NEW SOURCE PERMITS	SITE	REGISTRATION	<a href="#">77191</a>	CANCELLED	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">Union Carbide Corporation (CN601688781)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>
AIR NEW SOURCE PERMITS	SITE	REGISTRATION	<a href="#">73654</a>	CANCELLED	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">Union Carbide Corporation (CN601688781)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>
AIR NEW SOURCE PERMITS	SITE	REGISTRATION	<a href="#">92679</a>	CANCELLED	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">Union Carbide Corporation (CN601688781)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>
AIR NEW SOURCE PERMITS	SITE	REGISTRATION	<a href="#">52924</a>	CANCELLED	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">Union Carbide Corporation (CN601688781)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>
AIR NEW SOURCE PERMITS	SITE	EPA PERMIT	<a href="#">PSD TX841</a>	CANCELLED	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">Union Carbide Corporation (CN601688781)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>
AIR NEW SOURCE PERMITS	SITE	REGISTRATION	<a href="#">74073</a>	CANCELLED	UNION CARBIDE TEXAS CITY	OWNER OPERATOR	<a href="#">Union Carbide Corporation (CN601688781)</a>	01/01/1800 - 12/31/3000	<a href="#">View</a>

## Banking Cap and Trade

### Certificate Detail

#### Detail Data for Certificate Num D2545

##### Detail Data for Certificate Num D2545

**Certificate Number:** D2545  
**Parent Certificate:** [D1023](#)  
**County Name:** BRAZORIA  
**End Date:** 12/30/3000  
**Gen Period Start Date:** 01/01/2001  
**Gen Period End Date:** 12/31/2001  
**Source:** POINT

**Tons Quantity Pollutant Code**  
 375.40 NOX

#### Children Detail Data for Certificate Num D2545

Certificate Num	Cont Code	Avail Tons	Active/Inactive	Original Cert Num	Parent Cert Num	Portfolio
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#### Portfolio Listing

Portfolio Num	Portfolio Name	Company Name	Summary	Fins List	Transactions List
P1148	<a href="#">UNION CARBIDE TEXAS CITY - RN100219351</a>	UNION CARBIDE CORPORATION	<a href="#">View Summary</a>	<a href="#">Fins List</a>	<a href="#">Xactions List</a>

## David Carney

---

**From:** APDDIR  
**Sent:** Thursday, December 9, 2021 8:14 AM  
**To:** Beryl Thatcher; APDDIR  
**Cc:** PSSMGR; EBTTT; David Carney  
**Subject:** RE: For Review and Approval by 12/10/2021: DERC Intent 416542

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:** Beryl Thatcher <Beryl.Thatcher@Tceq.Texas.Gov>  
**Sent:** Thursday, December 9, 2021 7:49 AM  
**To:** APDDIR <APDDIR@tceq.texas.gov>  
**Cc:** PSSMGR <PSSMGR@tceq.texas.gov>; EBTTT <EBTTT@tceq.texas.gov>; David Carney <David.Carney@tceq.texas.gov>  
**Subject:** For Review and Approval by 12/10/2021: DERC Intent 416542

Please find the attached documents for DERC Intent to Use 416542. The company intends to use DERCs in lieu of MECT allowances for the 2021 control period.

## David Carney

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**From:** PSSMGR  
**Sent:** Wednesday, December 8, 2021 3:30 PM  
**To:** Beryl Thatcher  
**Cc:** EBTTL; David Carney  
**Subject:** FW: For Review and Approval by 12/10/2021: DERC Intent 416542  
**Attachments:** 416542 EBT Route Slip RN100219351.docx; 416542 Project File RN100219351.pdf; 416542 DCTR RN100219351.docx; 416542 DCUA RN100219351.docx

Please find the attached documents for DERC Intent to Use 416542. The company intends to use DERCs in lieu of MECT allowances for the 2021 control period.

This application did not arrive in Building C until 11/3/2021. This should be the last project from the group that arrived late to Building C.

## David Carney

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**From:** EB TTL  
**Sent:** Wednesday, December 8, 2021 9:23 AM  
**To:** PSSMGR  
**Cc:** David Carney  
**Subject:** For Review and Approval by 12/13/2021: DERC Intent 416542  
**Attachments:** 416542 EBT Route Slip RN100219351.docx; 416542 Project File RN100219351.pdf; 416542 DCTR RN100219351.docx; 416542 DCUA RN100219351.docx

Hi Daniel,

Please find the attached documents for DERC Intent to Use 416542. The company intends to use DERCs in lieu of MECT allowances for the 2021 control period.

This application did not arrive in Building C until 11/3/2021. This should be the last project from the group that arrived late to Building C.

Please let us know if you have questions.

Thanks!  
Melissa

---

**From:** EB TTL  
**Sent:** Tuesday, November 23, 2021 4:35 PM  
**To:** David Carney <David.Carney@tceq.texas.gov>  
**Subject:** DERC Intent 416542

Hi David,

Please see my changes to your technical review and letter. For the technical review, I added language pertaining to the 250 ton limit on DERC use for MECT in the rule (something like this probably should have been added to previous projects). On the letter, I changed the DERC Use due date from 90 days to March 31, per the rule. I've discussed this with David L. and we are going to ask Hector to update the letter template.

Let me know if you have questions. If you are okay with these changes, please resend to me for approval.

Thanks!  
Melissa

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**From:** David Carney <[David.Carney@tceq.texas.gov](mailto:David.Carney@tceq.texas.gov)>  
**Sent:** Friday, November 19, 2021 4:31 PM  
**To:** EB TTL <[EBTTL@tceq.texas.gov](mailto:EBTTL@tceq.texas.gov)>  
**Subject:** For Review and Approval by 12/01/2021: DERC Intent 416542

Attached for review is the DERC intent for Union Carbide, which follows their tradition of setting aside the entirety of certificate D2545 to potentially use for MECT compliance if needed. The letter and tech review are copied from previous projects.



Thanks,  
David C

## David Carney

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**From:** David Carney  
**Sent:** Thursday, December 9, 2021 10:57 AM  
**To:** PCJAMES@DOW.COM  
**Cc:** rschultz@gchd.org  
**Subject:** TCEQ EBT Documents - Notice of Intent to Use Discrete Emission Credits - Union Carbide  
**Attachments:** 416542 DCUA RN100219351.pdf

Please see the attached EBT document for project number 416542. 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)

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