

PROJECT#: 401543
RECEIVED: 03/22/2007

STATUS: P
PROJTYPE: BUSE

DISP CODE: C
ISSUED DT: 1/13/10
SUP-DISP DATE: 12/19/09

STAFF ASSIGNED TO PROJECT:

BAINE, LUKE

AIR DERC_100885151-401543_
USE_20091210_Use_D2401

PROJECT NOTES:

'06 USE: DCUS-12438, DCTR-12439, #2400 DCCT-12440, & #2401 DCCT-12441

PROJECT TRANSACTIONS**COMPANY DATA**

COMPANY NAME: ENTERPRISE TRANSPORTATION
CUSTOMER REGISTRY ID: CN600315147

PORTFOLIO DATA

NUMBER: P1852 NAME: ENTERPRISE TRANSPORTATION - RN100885151

SITE DATA

ACCOUNT:

REG ENTITY ID: RN100885151

SITE NAME: ENTERPRISE TRANSPORTATION - BAYTOWN FACILITY

COUNTY: HARRIS

NEAREST CITY: BAYTOWN

LOCATION: DEFAULT DESC TXT

CONTACT DATA

NAME: MIKE STARK

TITLE: PRESIDENT

STREET: PO BOX 4735 CITY/STATE, ZIP: HOUSTON, TX, 77210-4735

FAX: 713-880-6631 ext 0

PHONE: 713-880-6696 ext 0

TRANSACTION DATA

TRANSACTION TYPE: DERC_USE

DATE ENTERED: 2007-03-27 00:00:00.0

CONTAMINATE: NOX

ALLOWANCE0

DELETED DATE:

EFFECTIVE YEAR: 2006

TONS: 0.10

DOLLARS: 0

CERTIFICATE NO.: D2400 COUNTY : HARRIS

TRANSACTION DATA

TRANSACTION TYPE: DERC_RET

DATE ENTERED: 2007-03-27 00:00:00.0

CONTAMINATE: NOX

ALLOWANCE

DELETED DATE:

EFFECTIVE YEAR:

TONS: 0.70

DOLLARS: 0

CERTIFICATE NO.: D2401 COUNTY : HARRIS

TRACKING ACTIVITES

TR - ENGINEER RECEIVE
PROJECT : 03/04/2009

TR - PROJ TECH
COMPLETE : 03/05/2009

TR - SUP/MANGR
APP/RVW RQSTD : 09/25/2009

FA - PROJECT ISSUED :

Bryan W. Shaw, Ph.D., *Chairman*
Buddy Garcia, *Commissioner*
Carlos Rubinstein, *Commissioner*
Mark R. Vickery, P.G., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Protecting Texas by Reducing and Preventing Pollution

January 22, 2009

Ms. Karen Saucier
Environmental Coordinator
Enterprise Transportation Company
P.O. Box 4735
Houston, Texas 77210-4735

Re: Notice of Intent to Use and Use of Discrete Emission Credits
Baytown Facility
Baytown, Harris County
Regulated Entity Number: RN100885151
Customer Reference Number: CN600315147

Dear Ms. Saucier:

This letter is in response to Enterprise Transportation Company's (Enterprise), multiple Form DEC-2, entitled "Notice of Intent to Use Discrete Emission Credits," and Form DEC-3, "Notice of Use of Discrete Emission Credits." We understand that Enterprise is using nitrogen oxides (NOx) discrete emission credits for the purposes of complying with the NOx emission specifications under Title 30 Texas Administrative Code (TAC) § 117.2010 (previously 30 TAC § 117.475) during control periods 2006 - 2010.

We have reviewed your applications and have found that the notices and the credits to be used meet the requirements of 30 TAC §§ 101.370 through 101.379. Please refer to the summaries and table below for details.

Form DEC-3, received March 22, 2007, states that Enterprise used 0.1 tons of NOx discrete emission credits for the purpose of compliance with 30 TAC § 117.2010 for the period of January 1, 2006, through December 31, 2006. Certificate numbers D-2400 is generated and retired for the 0.1 tons of NOx use and D-2401 for 0.7 tons of NOx will be retained and returned to the bank for future use.

Form DEC-3, received March 26, 2008, states that Enterprise used 0.1 tons of NOx discrete emission credits for the purpose of compliance with 30 TAC § 117.2010 for the period of January 1, 2007 through December 31, 2007. Certificate numbers D-2402 is generated and retired for the 0.1 tons of NOx use, and D-2403 for 0.2 tons of NOx will be retained and returned to the bank for future use.

Form DEC-2 dated November 19, 2007, states that Enterprise plans to use 0.2 tons of NOx discrete emission credits for the purpose of complying with NOx emission specifications under 30 TAC § 117.2010 for the period of January 1, 2008 through December 31, 2008. A total of 0.2 NOx tons will be set aside from certificate number D-2164. Because D-2164 was not completely set aside, 0.5 tons of NOx will be retained on D-2260 and returned to the bank.

Form DEC-3, received March 10, 2009, states that Enterprise used 0.1 tons of NOx discrete emission credits for the purpose of compliance with 30 TAC § 117.2010 for the period of January 1, 2008 through December 31, 2008. Certificate number D-2465 is generated and retired for the 0.1 tons of NOx use, and D-2466 for 0.1 tons of NOx will be retained and returned to the bank for future use.

Form DEC-2 dated November 18, 2008, states that Enterprise plans to use 0.2 tons of NOx discrete emission credits for the purpose of complying with NOx emission specifications under 30 TAC § 117.2010 for the period of January 1, 2009 through December 31, 2009. A total of 0.2 NOx tons will be set aside from certificate number D-2403. Because D-2403 was completely set aside, there are no tons of NOx to be retained and returned to the bank.

Form DEC-2 dated November 16, 2009, states that Enterprise plans to use 0.2 tons of NOx discrete emission credits for the purpose of complying with NOx emission specifications under 30 TAC § 117.2010 for the period of January 1, 2010 through December 31, 2010. A total of 0.2 NOx tons will be set aside from certificate number D-2260. Because D-2260 was not completely set aside, 0.3 tons of NOx will be retained on D-2445 and returned to the bank.

Project #	Receive Date	Project Type	Use Period	Total Tons Required/Used	Certificates Held/Retained/Used
401543	3/22/07	Use	1/1/06 - 12/31/06	0.1	D-2400, D-2401
402833	3/26/08	Use	1/1/07 - 12/31/07	0.1	D-2402, D-2403
402108	11/19/07	Intent	1/1/08 - 12/31/08	0.2	D-2164, D-2260
403490	3/11/09	Use		0.1	D-2465, D-2466
403140	11/18/08	Intent	1/1/09 - 12/31/09	0.2	D-2403
404078	11/16/09	Intent	1/1/10 - 12/31/10	0.2	D-2260, D-2445

Ms. Karen Saucier
Page 2
January 22, 2009

Thank you for your cooperation in this matter. If you have questions concerning this review or need further assistance regarding the banking program, please contact Mr. Luke Baine at (512) 239-5856, or write to the Texas Commission on Environmental Quality, Chief Engineer's Office, Air Quality Division (MC-206), P.O. Box 13087, Austin, Texas 78711-3087.

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,



David Brymer, Director
Air Quality Division
Texas Commission on Environmental Quality

DB/LB/jt

cc: Air Section Managers, Region 12 - Houston
Director, Pollution Control Department, Harris County Public Health and Environmental
Services, Pasadena

Project Number: 401543, 402833, 402108, 403490, 403140, & 404078

The State of Texas

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Certificate Number:

D-2400

Number of Credits:

0.1 tons NO_x



USED

PURPOSE: USE FOR PROJECT 401543
DATE: 10/2/09

Discrete Emission Reduction Credit Certificate

This certifies that
Enterprise Transportation
P.O. Box 4735
Houston, TX 77210

is the owner of 0.1 tons of nitrogen oxides (NO_x) discrete emission reduction credits established under the laws of the State of Texas, transferable only on the books of the Texas Commission on Environmental Quality, by the holder hereof in person or by duly authorized Attorney, upon surrender of this certificate.

The owner of this certificate is entitled to utilize the discrete emission credits evidenced herein for all purpose authorized by the laws and regulations of the State of Texas and is subject to all limitations prescribed by the laws and regulations of the State of Texas.

Discrete Emission Reduction Generation Period: May 6, 1999 - May 6, 2000

Generator Regulated Entity No.: RN102534278

Generator Certificate: D-1028

County of Generation: Montgomery

October 2, 2009

Date

Ma. J. Wiley

For the Commission

The State of Texas

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Certificate Number:

D-2401



Number of Credits:

0.7 tons NO_x

TRANSFERRED
TO CERTIFICATE NO(S): 0-2695
DATE: 12/18/2011

Discrete Emission Reduction Credit Certificate

This certifies that
Enterprise Transportation
P.O. Box 4735
Houston, TX 77210

is the owner of 0.7 tons of nitrogen oxides (NO_x) discrete emission reduction credits established under the laws of the State of Texas, transferable only on the books of the Texas Commission on Environmental Quality, by the holder hereof in person or by duly authorized Attorney, upon surrender of this certificate.

The owner of this certificate is entitled to utilize the discrete emission credits evidenced herein for all purpose authorized by the laws and regulations of the State of Texas and is subject to all limitations prescribed by the laws and regulations of the State of Texas.

Discrete Emission Reduction Generation Period: May 6, 1999 - May 6, 2000

Generator Regulated Entity No.: RN102534278

Generator Certificate: D-1028

County of Generation: Montgomery

October 2, 2009

Date

A handwritten signature in cursive script, appearing to read "Mark Wiley".

For the Commission

DISCRETE EMISSION CREDITS/EMISSION CREDIT USE TECHNICAL REVIEW

Project No.:	401543, 402833, 402108, 403490, 403140 & 404078	Customer Reference No.:	CN600315147
Project Type:	BDIU and BDUA	Regulated Entity No.:	RN100885151
Company:	Enterprise Transportation Company	Facility Name:	Baytown Facility
City:	Baytown	County:	Harris
Project Reviewer:	Mr. Luke Baine	Portfolio Name:	P1852,- Enterprise Transportation - RN100885151

Project Overview

Enterprise Transportation Company (Enterprise) submitted multiple Form DEC-2, Notice of Intent to Use Discrete Emission Credits, and Form DEC-3, Notice of Use of Discrete Emission Credits for Chapter 117 compliance for a 2.5 MMBTU/hr boiler (FIN 93-1) at their Baytown Facility for control periods 2006; 2007, and 2008. Enterprise has correctly calculated the actual tons used to comply with the emission control requirements of 30 TAC 117.2010(c)(1)(A) for 2006, 2007, and 2008.

Discrete Emission Credit / Emission Reduction Credit Use

Enterprise is subject to the NO_x limits of 30 TAC §117.2010(c)(1)(A). FIN 93-1 does not meet the 0.036 lb/MMBtu heat input ESAD rate. In order to comply with this limit, Enterprise employed DERC use to cover the difference. The actual emission rate was the result of fuel flow data and stack test data supplied by the site.

Project #	Use Period	Intent Amount	Certificate Set Aside/Retained	Used Amount	Certificate Used/Retained
401543	1/1/06 – 12/21/06	0.8	D2076 / D2079	0.1	D2400 / D2401
402833	1/1/07 – 12/31/07	0.3	D2079 / D2171	0.1	D2402 / D2403
402108	1/1/08 – 12/31/08	0.2	D2164 / D2260		
403490				0.1	D2465 / D2466
403140	1/1/09 – 12/31/09	0.2	D2403		
404078	1/1/10 – 12/31/10	0.2	D2260 / D2445		

Credit Use Calculation Methods

Intent:

As per §101.376(d)(2), the amount of discrete emission reduction credits needed to demonstrate compliance with Chapter 117 is noted below:

$(ELA) \times (EER - RER) \times \text{conversion factor} = \text{discrete emission credits needed}$

where: ELA (MMBtu/yr) - expected level of activity

EER (lb/MMBtu) - expected emission rate per unit activity

RER (lb/MMBtu) - regulatory emission rate per unit activity

conversion factors are 8760 hrs / 1 yr and 1 ton / 2000 lbs

For FIN 93-1, a 2.5 MMBtu / hr gas fired boiler with an ESAD of 0.036 lb-NO_x / MMBtu, the DERCs required =

$$(2.5 \times 8760) \times (0.052 - 0.036) / 2000 = 0.175 \text{ tons}$$

Including 10% environmental contribution the total of DERCs needed is:

$$0.175 + 0.0175 = 0.193 \text{ tons} \sim 0.2 \text{ tons}$$

The total DERCs set aside to be used for 2008 will be 0.2 tons.

Actual:

As per §101.376(e)(2)(A), the amount of discrete emission reduction credits actually used to demonstrate compliance with Chapter 117 is noted below:

$(ALA) \times (AER - RER) \times \text{conversion factor} = \text{discrete emission credits needed}$

where: ALA (MMBtu/yr) - actual level of activity

AER (lb/MMBtu) - actual emission rate per unit activity

RER (lb/MMBtu) - regulatory emission rate per unit activity

conversion factor is 1 ton / 2000 lbs

For FIN 93-1, a 2.5 MMBtu / hr gas fired boiler with an ESAD of 0.036 lb-NO_x / MMBtu and fuel flow of 7913.2 MMBtu / yr 2006, the DERCs required =

$$(7913.2) \times (0.052 - 0.036) / 2000 = 0.063 \text{ tons}$$

Including 10% environmental contribution the total of DERCs needed is:

$$0.063 + 0.0063 = 0.069 \text{ tons} \sim 0.1 \text{ tons}$$

The total DERCs used was 0.1 tons for each control period 2006, 2007, & 2008.

Conclusion:

Enterprise company has accurately calculated the amount of discrete emission credits for NOx compliance listed in 30 TAC §117.2010(c)(1)(A) for the 2006 - 2010 control periods and the appropriate credits have been returned to Enterprise.

UB

1/15/10

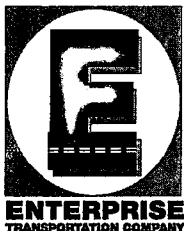
Project Reviewer

Date

Donald Zamboni

Team Leader/Section
Manager/Backup

Date



RECEIVED
MAR 22 2007
AIR QUALITY
PLANNING

2707 NORTH LOOP WEST
HOUSTON, TX 77008-1051
P.O. BOX 4735
HOUSTON, TX 77210-4735
713/880-6500

A Division of EPCO, Inc.

March 19, 2007

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

Reference: Notice of Use of Discrete Emission Reduction Credits (DEC-3)
Enterprise Transportation Company; Baytown Terminal
CN600315147; RN100885151

Dear Sir or Madam:

Enterprise Transportation Company is submitting the enclosed Notice of Use of Discrete Emission Credits (Form DEC-3) for the above referenced facility covering the compliance period beginning December 1, 2006 and ending December 31, 2006. Enterprise previously submitted a Notice of Intent to Use Discrete Emission Reduction Credits (Form DEC-2) specifying an anticipated total DERC requirement of 0.19 tons for the compliance period.

The attached Form DEC-3 meets the notification requirements of 30 TAC 101.376(e) and includes the certificate number of the DERCs currently held, the actual emissions of Nitrogen Oxides (NO_x) during the use period, the actual amount of DERCs used, and the required environmental contribution.

In addition to Form DEC-3, stack test results and calculations of the amount of DERCs used are attached.

If there are any questions, or a need for additional information, please contact me at (713) 880-6696.

Sincerely,

A handwritten signature in cursive script that reads 'Mike Stark'.

Mike Stark
President

Attachments

RECEIVED

MAR 22 2007



Form DEC-3 (Page 1)
Notice of Use of Discrete Emission Credits
(Title 30 Texas Administrative Code § 101.370 - § 101.379)

AIR QUALITY
PLANNING

I. Company Identifying Information			
A. Company Name: EPCO, Inc. dba Enterprise Transportation Company			
Mailing Address: P.O. Box 4735			
City: Houston	State: TX	Zip Code: 77210-4735	
Telephone: (713) 880-6696		Fax: (713) 880-6631	
B. TCEQ Customer Number (CN): CN600315147			
C. Site Name: Enterprise Transportation Company (Baytown)			
Street Address: (if no street address, give driving directions to site) 5602 Wade Road			
Nearest City: Baytown	Zip Code: 77521	County: Harris	
D. TCEQ Regulated Entity Number (RN): RN100885151			
E. TCEQ Account Number: (if applicable) HG-5072-C			
F. Primary SIC: 4213		Air Permit Number: 22560	
II. Technical Contact Identifying Information			
A. Technical Contact Name: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) Mike Stark			
Technical Contact Title: President, Enterprise Transportation Company			
Mailing Address: P.O. Box 4735			
City: Houston	State: Texas	Zip Code: 77210-4735	
Telephone: (713) 880-6696	Fax: (713) 880-6631	E-mail: mstark@epoetc.com	
III. 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: _____ to _____			
<i>Note: If DERC use is to comply with MECT then go to Section IX</i>			
IV. Use Period			
Use Start Date: 01/01/06		Use End Date: 12/31/06	
V. State and Federal Requirements			
Applicable State and Federal requirements that the DERCs were used for compliance: 30 TAC 117.475(c)(1)(A)			
VI. Most Stringent Emission Rate			
Describe basis for most stringent allowable emission rate: <input type="checkbox"/> Permit _____ <input checked="" type="checkbox"/> RACT 0.036 <input type="checkbox"/> Other: _____			
Notes: units = lb/MMbtu			



Form DEC-3 (Page 2)
Notice of Use of Discrete Emission Credits
 (Title 30 Texas Administrative Code § 101.379, § 101.379)

RECEIVED
 MAR 22 2007
 AIR QUALITY
 PLANNING

VII. Tons of Dercs Used									
Emission Point No.	FIN	Air Contam- inant	Calculation of DERCs						
			Actual Activity (units)	Actual Emission Rate (units)	Actual Total Emissions (tons)	Regulated Activity (units)	Regulated Emission Rate (units)	Regulated Total Emissions (tons)	DERCs Used (tons)
93-1	93-1	NOx	7913.2MMBtu	0.052lb/MMBtu	0.206	7913.2 MMbtu	0.036 lb/MMBtu	0.142	0.063
Total:									0.063



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

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

IX. Total DERCs Used (round up to the nearest tenth of a ton)

Tons of DERCs required (from Sect. VI.)	CO: _____	NO _x : <u>0.063</u>	PM ₁₀ : _____	SO ₂ : _____	VOC: _____
Offset Ratio (if required)	CO: _____	NO _x : <u>N/A</u>	PM ₁₀ : _____	SO ₂ : _____	VOC: _____
Environmental Contribution (+ 10%)	CO: _____	NO _x : <u>0.0063</u>	PM ₁₀ : _____	SO ₂ : _____	VOC: _____
Total DERCs Used	CO: _____	NO _x : <u>0.070</u>	PM ₁₀ : _____	SO ₂ : _____	VOC: _____

X. DERC Information

Name of the DERC Generator: N/A

DERC Generator Regulated Entity Number: N/A

Certificate number of the DERCs used: D-2076&D-2164 (currently held by Enterprise Transportation Company)

Note: The certificate number is assigned by the TCEQ

XI. Purchase Dates and Prices

Date on which the DERCs were acquired or registered: N/A / /

Price of the DERCs: \$ N/A per ton (Required)

XII. CERTIFICATION BY RESPONSIBLE OFFICIAL

I, Mike Stark, 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. I hereby also waive the Federal statute of limitations defense in regards to the generation and use of discrete emission credits

Signature

Mike Stark

Signature Date 03-19-2007

Title President, Enterprise Transportation Company

Name: Enterprise Transportation Company (ETC)

Facility: Baytown Terminal

2006 Actual DERC Use Calculations:

DERCs Used = $ALA \times (AER - RER) / 2000 \text{ lb/ton} + 10\% \text{ environmental contribution}$

Where:

ALA = actual level of activity

AER = actual emission rate per unit activity

RER = regulatory emission rate per unit of activity

Boiler: 93-1

Assumption:

Actual Fuel Usage = 7758.0 MCF/yr

Actual Fuel Usage = 7913.2 MMBtu/yr

Actual Emis. Rate = 0.052 lb/MMBtu (stack test dated 03/29/05)

Regulatory Emis Rate= 0.036 lb/MMBtu

DERCs Used = $((7913.2 \text{ MMBtu/yr} \times 0.052 \text{ lb/MMBtu}) - (7913.2 \text{ MMBtu/yr} \times 0.036 \text{ lb/MMBtu})) / 2000 \text{ lb/ton}$

= 0.063 tons/year

0.063 tons/year + 10% environmental contribution =

0.070 tons/year

Total DERCs Used =	0.070 tons
Total DERCs Held =	4.90 tons
(certificate no. D-2076 & 2164)	
DEC-2 NOI =	0.19 tons
DEC-2 Variance =	0.12 tons
Total DERCs Remaining =	4.83 tons



Table 2: Summary of Tests

Run No.	1	2	3	Average
Date	03/29/05	03/29/05	03/29/05	
Time	0935-1035	1050-1150	1203-1303	
Stack Temperature (°F)	396	396	398	397
Stack Gas Moisture Content (%)	12.11	12.30	12.00	12.14
Oxygen Content (% Vol.)	10.2	10.1	10.0	10.1
Carbon Dioxide Content (% Vol.)	6.3	6.3	6.4	6.3
% Excess Air	85.5	83.8	82.3	83.9
Stack Gas Flow Rate (dscfm)	425	471	491	462
Oxides of Nitrogen Emissions				
- ppm	25.6	25.8	26.1	25.8
- ppm @ 3% O ₂	42.8	42.8	42.9	42.8
- lbs/million Btu	0.052	0.052	0.052	0.052
- lbs/hr	0.08	0.09	0.09	0.09
Allowable Oxides of Nitrogen Emissions				
- ppm @ 3% O ₂	30.0	30.0	30.0	30.0
Carbon Monoxide Emissions				
- ppm	10.0	9.1	7.0	8.7
- ppm @ 3% O ₂	16.7	15.1	11.5	14.4
- lbs/million Btu	0.012	0.011	0.008	0.010
- lbs/hr	0.02	0.02	0.01	0.02
Allowable Carbon Monoxide Emissions				
- ppm @ 3% O ₂	400.0	400.0	400.0	400.0
Unit Operating Level				
- Steam Pressure (psig)	88	86	86	87