

Return to Sharenet

03/08/2017 ----- EBTP IMS- PROJECT RECORD ----- *C*-----

PROJECT#: 411432      STATUS: P      DISP CODE: *3/14/17*  
RECEIVED: 11/01/2016      PROJTYPE: BDIU      ISSUED DT:  
SUP-DISP DATE: *3/14/17*

STAFF ASSIGNED TO PROJECT:  
CRYER, CHAD

**PROJECT NOTES:**

.COMPANY NAME IN CENTRAL REGISTRY IS TRANSPORT SERVICE, LLC. WILL NEED UPDATING.  
.PROJECT NOTE: COMPANY NAME CHANGED FROM TRANSPORT SERVICE CO TO TRANSPORT SERVICE LLC. THE SOS FILING NUMBER IS 7548306. COMPANY NAME IN IMS UPDATED TO CORRESPOND WITH CENTRAL REGISTRY. THIS UPDATE AFFECTED PORTFOLIO(S) P3645 AND P3646. (MM- 03/06/2017)

**PROJECT TRANSACTIONS**

**COMPANY DATA**

COMPANY NAME: TRANSPORT SERVICE LLC  
CUSTOMER REGISTRY ID: CN600313720

**PORTFOLIO DATA**

NUMBER: P3645 NAME: TRANSPORT SVC CO - BAYTOWN TERMINAL - RN100885151

**SITE DATA**

ACCOUNT: HG5072C  
REG ENTITY ID: RN100885151  
SITE NAME: TRANSPORT SERVICE BAYTOWN  
COUNTY: HARRIS      NEAREST CITY: BAYTOWN  
LOCATION: 5206 WADE ROAD, BAYTOWN, TX

**CONTACT DATA**

NAME: JAMES KING      TITLE: Director of Environmental and Property  
STREET: 1 TOWER LANE, SUITE 2325 CITY/STATE, ZIP: OAKBROOK TERRACE, IL , 60181-  
Email: james.king@thekag.com

**TRANSACTION DATA**

TRANSACTION TYPE: DERC\_INTEN  
DATE ENTERED: 2016-11-01 00:00:00.0      DELETED DATE:      EFFECTIVE YEAR:  
CONTAMINATE: NOX      TONS: 0.10      DOLLARS: 0  
ALLOWANCE0      CERTIFICATE NO.: D3049 COUNTY : HARRIS

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CUSTOMER REGISTRY ID: CN600313720

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LOCATION: 5206 WADE ROAD, BAYTOWN, TX

**CONTACT DATA**

NAME: JAMES KING      TITLE: Director of Environmental and Property  
STREET: 1 TOWER LANE, SUITE 2325 CITY/STATE, ZIP: OAKBROOK TERRACE, IL , 60181-  
Email: james.king@thekag.com

**TRANSACTION DATA**



**DISCRETE EMISSION CREDITS INTENT TO USE TECHNICAL REVIEW**

Project No.:	411432	Customer Reference No.:	CN600313720
Project Type:	BDIU	Regulated Entity No.:	RN100885151
Company:	Transport Service, LLC	Facility Name:	Transport Service Baytown
City:	Baytown	County:	Harris
Project Reviewer:	Chad Cryer	Portfolio Number:	P3645

**Project Overview**

Transport Service, LLC, (Transport) submitted a Notice of Intent to Use Discrete Emission Credits application received November 1, 2016. The company intends to use Discrete Emission Reduction Credits (DERC) to meet the requirements of 30 Texas Administrative Code (TAC) §117.2010(c)(1)(A) for a gas-fired boiler. The emission specification for attainment demonstration (ESAD) for this unit is 0.036 pounds of nitrogen oxides per million British thermal units (lb NO<sub>x</sub>/MMBtu). The Transportation Service Baytown site is located in Harris County within the Houston-Galveston-Brazoria (HGB) ozone nonattainment area. The use period is January 1, 2017, through December 31, 2017.

The company intends to use 0.3 ton (including the additional 10% environmental contribution of 0.1 ton) of NO<sub>x</sub> DERCs from certificate D-3049, valued at 0.1 ton, certificate D-3050, valued at 0.1 ton, and certificate D-3110, valued at 0.1 ton of NO<sub>x</sub> DERCs.

**Discrete Emission Credit Use**

The site has one boiler, facility identification number (FIN) 93-1, which is subject to the ESAD listed in §117.2010(c)(1)(A). A review of NSR permit 22560 and the permit by rule registrations associated with the site did not reveal other sources subject to Chapter 117. The expected emission rate for the boiler is 0.052 lb/MMBtu; this emission rate is based on a stack test conducted on March 29, 2005. Because this emission rate is higher than the ESAD of 0.036 lb/MMBtu, the company will use DERCs to account for the difference.

Certificate to be set aside.....D-3049, D-3050, D-3110  
 Pollutant..... NO<sub>x</sub>  
 Amount..... 0.3 ton  
 Regulation.....§117.2010(c)(1)(A)  
 Use period.....01/01/17 - 12/31/17

**Discrete Emission Credit Use Calculation Method**

FIN 93-1 is rated at 2.5 MMBtu/hr. To determine the amount of credit to set aside, the company is assuming that the boiler will operate continuously throughout the year (8,760 hours). Therefore, the maximum level of activity for the year would be 2.5 MMBtu/hr x 8,760 hr = 21,900 MMBtu. As previously mentioned, the ESAD rate for this boiler is 0.036 lb/MMBtu, while the emission factor from the 2005 stack test is 0.052 lb/MMBtu.

Per §101.376(d)(2)(B):  
 DERCs Needed = (ELA) x (EER - RER)

DISCRETE EMISSION CREDITS INTENT USE TECHNICAL REVIEW

Page 2

Project Number: 411432

Where:

ELA = expected level of activity

EER = expected emission rate per unit activity

RER = regulatory emission rate per unit activity

DERCs required =  $(21,900 \text{ MMBtu}) \times (0.052 \text{ lb/MMBtu} - 0.036 \text{ lb/MMBtu}) / 2,000 \text{ lb/ton}$

DERCs required = 0.175 ton; rounded up to the nearest tenth = 0.2 ton

10% environmental contribution = 0.02 ton; rounded up to the nearest tenth = 0.1 ton

Total DERCs required = 0.2 ton + 0.1 ton = 0.3 ton

**Conclusion:**

Transport submitted all required documentation to use DERCs for compliance with §117.2010(c)(1)(A). A total of 0.3 ton of NO<sub>x</sub> DERCs are set aside from certificate D-3049, valued at 0.1 ton, certificate D-3050, valued at 0.1 ton, and certificate D-3110, valued at 0.1 ton of NO<sub>x</sub> DERCs.



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

NOV - 1 2016

<b>I. Company Identifying Information</b> <span style="float: right;">411437</span>			
A. Company Name: <b>Transport Service LLC</b>		<b>Air Quality Division</b>	
Mailing Address: <b>1 Tower Lane, Suite 2325</b>			
City: <b>Oakbrook Terrace</b>	State: <b>Illinois</b>	Zip Code: <b>60181</b>	
Telephone: <b>630-472-5934</b>		Fax: <b>630-472-0495</b>	
B. TCEQ Customer Number (CN): <b>600313720</b>			
C. Site Name: <b>Transport Service Co. – Baytown Terminal</b>			
Street Address (If no street address, give driving directions to site) <b>5602 Wade Road</b>			
Nearest City: <b>Baytown</b>	Zip Code: <b>77521</b>	County: <b>Harris</b>	
D. TCEQ Regulated Entity Number (RN): <b>RN100885151</b> <span style="float: right;">P3645</span>			
E. TCEQ Air Account Number: (if applicable) <b>HG-5072-C</b>			
F. Primary SIC: <b>4213</b>		Air Permit Number: <b>22560</b>	
<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>Philip Evans</b>			
Technical Contact Title: <b>Vice President, Technical Services</b>			
Mailing Address: <b>110 Bender Ave.</b>			
City: <b>Humble</b>	State: <b>Texas</b>	Zip Code: <b>77338</b>	
Telephone: <b>281-446-7070</b>	Fax: <b>281-446-3348</b>	E-mail: <b>pevans@wcmgroup.com</b>	
<b>III. Company Contact Identifying Information (If different from Technical Contact)</b>			
A. Company Contact Name: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) : <b>James King</b>			
Company Contact Title: <b>Director of Environmental Quality and Compliance</b>			
Mailing Address: <b>2001 Spring Rd., Suite 300</b>			
City: <b>Oak Brook</b>	State: <b>Illinois</b>	Zip Code: <b>60523</b>	
Telephone: <b>630-472-5934</b>	Fax: <b>630-472-0495</b>	E-mail: <b>james.king@thekag.com</b>	
<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: _____ to _____			
<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>01/01/2017</u>		Intended Use End Date: <u>12/31/2017</u>	



**Form DEC-2 (Page 2)**  
**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 117.2010(c)(1)(A)

**VII. Most Stringent Emission Rate**

Describe basis for most stringent allowable emission rate:

Permit \_\_\_\_\_  RACT 0.036 lb/MMBtu  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)



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

<b>IX. Tons of DERCS Required</b>									
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)
93-1	93-1	NOx	21,900 MMBtu	0.052 lb/MMBtu	0.569	21,900 MMBtu	0.036 lb/MMBtu	0.394	0.175
<b>Total:</b>								0.2	

TCEQ 10392 (Revised 12/07) Form DEC-2  
 This form is for use by facilities subject to air quality permit requirements and may be revised periodically.



**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)**

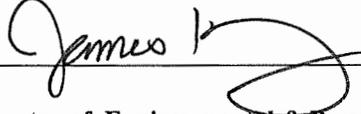
Tons of DERCs required (from Sect. VII.)	CO: _____	NO <sub>x</sub> : <u>0.2</u>	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____
Offset Ratio (if required)	CO: _____	NO <sub>x</sub> : <u>N/A</u>	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____
Environmental Contribution (+ 10%)	CO: _____	NO <sub>x</sub> : <u>0.02</u>	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____
Compliance Margin (+ 5%) (If DERC use requires >10 tons)	CO: _____	NO <sub>x</sub> : <u>N/A</u>	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____
<b>Total DERCs</b>	CO: _____	NO <sub>x</sub> : <u>0.22 or 0.3</u>	PM <sub>10</sub> : _____	SO <sub>2</sub> : _____	VOC: _____

**XI. DERC Information**

Name of the DERC Generator: N/A  
 DERC Generator Regulated Entity Number: N/A  
 Certificate number of the DERCs acquired or to be acquired: Available DERC Certificate Nos. D-3049, D3050, And D3110 Currently held By Transport Service Co. – Baytown Terminal  
 Date on which the DERCs were acquired or will be acquired: N/A  
*Note: The certificate number is assigned by the TCEQ*

**XII. Certification by Responsible Official**

I, James King, 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  Signature Date October 28, 2016  
 Title Director of Environmental & Properties

Name: Transport Service Co.

Facility: Transport Service - Baytown Terminal

2017 NOI DERC Use Calculations: January 01, 2017 thru December 31, 2017 Compliance Period

DERCs Needed = ELA X (EER-RER)/ 2000 lb//ton + 10% environmental contribution

**Where:**

ELA = expected level of activity

EER = expected emission rate per unit activity

RER = regulatory emission rate per unit of activity

**Boiler:** 93-1

Assumption:

Maximum heat input = 2.5 MMBtu/hr

Expected Level of Activity = 21,900.0 MMBtu/yr

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

Regulatory Emis Rate = 0.036 lb/MMBtu

DERCs Needed = ((( 21,900.0 MMBtu/yr X 0.052 lb/MMBtu) - ( 21,900.0 MMBtu/yr X 0.036 lb/MMBtu))/2000 lb/ton)

= 0.175 tons/year

= 0.20 tons/year (nearest tenth of a ton)

0.20 tons/year + 10% environmental contribution = 0.22 tons/year

Total DERCs Needed: 0.22 tons/year (nearest tenth) = 0.3 tons/year
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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 <sub>2</sub>	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 <sub>2</sub>	30.0	30.0	30.0	30.0
Carbon Monoxide Emissions				
- ppm	10.0	9.1	7.0	8.7
- ppm @ 3% O <sub>2</sub>	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 <sub>2</sub>	400.0	400.0	400.0	400.0
Unit Operating Level				
- Steam Pressure (psig)	88	86	86	87

October 28, 2016

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY  
Emissions Banking and Trading  
TCEQ MC -206  
P.O. Box 13087  
Austin, Texas 78711-3087

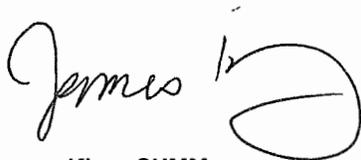
Subject: Notice of Intent to Use DERCs (Form DEC-2)  
Transport Service Co.  
Transport Service Co Baytown Facility  
5602 Wade Road, Baytown, Harris County  
CN600313720; RN100885151

Dear Sir or Madame:

Pursuant to 30 TAC 117.9800(a), Transport Service Co.(TSC) Baytown Terminal hereby submits the Notice of Intent to Use Discrete Emission Reduction Credits (Form DEC-2) in accordance with 30 TAC 101.376 to comply with the emission control requirements of 30 TAC 117.2010(b) and (c)(1)(A). A completed Form DEC-2 is enclosed for the above referenced facility covering the compliance period from 01/01/2017 through 12/31/2017.

Please do not hesitate to contact me if you have questions or require further information regarding this matter.

Sincerely,



**James King, CHMM**  
*Director of Environmental and Property*  
1 Tower Lane, Suite 2325  
Oakbrook Terrace, IL 60181  
Office: 630-472-5934 | Fax: 630-472-0495  
Cell: 630-853-4395  
james.king@thezag.com

1476866850.2017 NOI.ltr.doc  
Enclosure

Bryan W. Shaw, Ph.D., P.E., *Chairman*  
Toby Baker, *Commissioner*  
Jon Niermann, *Commissioner*  
Richard A. Hyde, P.E., *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

March 14, 2017

Mr. James King  
Director of Environmental Quality and Compliance  
Transport Services, LLC  
2001 Spring Road, Suite 300  
Oak Brook, Illinois 60523

Re: Notice of Intent to Use Discrete Emission Reduction Credits (DERC)  
Transport Service Baytown  
Baytown, Harris County  
Customer Reference Number: CN600313720  
Regulated Entity Reference Number: RN100885151  
Portfolio Number: P3645

Dear Mr. King:

This letter is in response to a Notice of Intent to Use Discrete Emission Credits application received from Transport Service, LLC, on November 1, 2016. We understand that you plan to use 0.3 ton (including the 10% environmental contribution of 0.1 ton) of nitrogen oxides (NO<sub>x</sub>) DERCs for the purpose of compliance with 30 Texas Administrative Code (TAC) §117.2010(c)(1)(A) for the period of January 1, 2017 through December 31, 2017.

We reviewed your application and found that the notice and the credits to be used meet the requirements of 30 TAC §§101.370 through 101.379. A total of 0.3 ton of NO<sub>x</sub> DERCs from certificate D-3049, valued at 0.1 ton, certificate D-3050, valued at 0.1 ton, and certificate D-3110, valued at 0.1 ton of NO<sub>x</sub> DERCs were used.

A Form DEC-3 (Notice of Use of Discrete Emission Credits) must be submitted within 90 days of the end of use period.

Thank you for your cooperation in this matter. If you have questions concerning this transaction or need further assistance regarding the banking program, please contact Mr. Chad Cryer at (512) 239-4905 or write to the Texas Commission on Environmental Quality, Office of Air, Air Quality Division (MC-206), PO Box 13087, Austin, Texas 78711-3087.

Mr. James King  
Page 2  
March 14, 2017

This action is taken under authority delegated by the executive director of the TCEQ.

Sincerely,



David Brymer, Director  
Air Quality Division

DB/CC

cc: Air Section Manager, Region 12 - Houston  
Mr. Bob Allen, Director, Environmental Public Health Division, Harris County Public  
Health and Environmental Services, Pasadena  
Mr. Philip Evans, Vice President, Technical Services, WCM Group, Inc., Humble

Project Number: 411432