

[Return to Sharenet](#)03/08/2017 ----- EBTP IMS- PROJECT RECORD ----- CPROJECT#: 411432 STATUS: P
RECEIVED: 11/01/2016 PROJTYPE: BDIUDISP CODE: 3/14/17
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

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: 2017-01-13 00:00:00.0
CONTAMINATE: NOX
ALLOWANCE0

DELETED DATE: EFFECTIVE YEAR:
TONS: 0.10 DOLLARS: 0
CERTIFICATE NO.: D3050 COUNTY : HARRIS

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
LOCATION: 5206 WADE ROAD, BAYTOWN, TX

NEAREST CITY: BAYTOWN

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: 2017-01-13 00:00:00.0
CONTAMINATE: NOX
ALLOWANCE0

DELETED DATE: EFFECTIVE YEAR:
TONS: 0.10 DOLLARS: 0
CERTIFICATE NO.: D3110 COUNTY : HARRIS

TRACKING ACTIVITIES

PROJECT SUBMITTED : 10/28/2016 PM RECEIVED DATE : 11/01/2016 PROJECT COMPLETED :

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_x/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_x 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_x 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_x
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_x 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_x DERCs.



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

Received

NOV - 1 2016

I. Company Identifying Information		
A. Company Name: Transport Service LLC		
Mailing Address: 1 Tower Lane, Suite 2325		
City: Oakbrook Terrace	State: Illinois	Zip Code: 60181
Telephone: 630-472-5934	Fax: 630-472-0495	
B. TCEQ Customer Number (CN): 600313720		
C. Site Name: Transport Service Co. - Baytown Terminal		
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 Air 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.) : Philip Evans		
Technical Contact Title: Vice President, Technical Services		
Mailing Address: 110 Bender Ave.		
City: Humble	State: Texas	Zip Code: 77338
Telephone: 281-446-7070	Fax: 281-446-3348	E-mail: pevans@wcmgroup.com
III. Company Contact Identifying Information (If different from Technical Contact)		
A. Company Contact Name: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) : James King		
Company Contact Title: Director of Environmental Quality and Compliance		
Mailing Address: 2001 Spring Rd., Suite 300		
City: Oak Brook	State: Illinois	Zip Code: 60523
Telephone: 630-472-5934	Fax: 630-472-0495	E-mail: james.king@thekag.com
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: _____ to _____		
Note: If DERC use is to comply with MECT then go to Section IX		
V. Intended Use Period		
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)

IX. Tons of DERCS Required									
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	NO _x	21,900 MMBtu	0.052 lb/MMBtu	0.569	21,900 MMBtu	0.036 lb/MMBtu	0.394	0.175
Total:								0.2	



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)

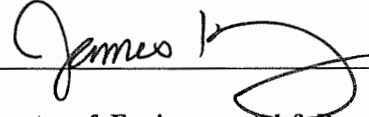
Tons of DERCs required (from Sect. VII.)	CO: _____	NO _x : <u>0.2</u>	PM ₁₀ : _____	SO ₂ : _____	VOC: _____
Offset Ratio (if required)	CO: _____	NO _x : <u>N/A</u>	PM ₁₀ : _____	SO ₂ : _____	VOC: _____
Environmental Contribution (+ 10%)	CO: _____	NO _x : <u>0.02</u>	PM ₁₀ : _____	SO ₂ : _____	VOC: _____
Compliance Margin (+ 5%) (If DERC use requires > 10 tons)	CO: _____	NO _x : <u>N/A</u>	PM ₁₀ : _____	SO ₂ : _____	VOC: _____
Total DERCs	CO: _____	NO _x : <u>0.22 or 0.3</u>	PM ₁₀ : _____	SO ₂ : _____	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 = $ELA \times (EER - RER) / 2000 \text{ lb/ton} + 10\% \text{ environmental contribution}$

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 = $((21,900.0 \text{ MMBtu/yr} \times 0.052 \text{ lb/MMBtu}) - (21,900.0 \text{ MMBtu/yr} \times 0.036 \text{ lb/MMBtu})) / 2000 \text{ lb/ton}$

= 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 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



Advantage Tank Lines • BXL • Cryogenic Transportation • DistTech • Jack B. Kelley • KAG Logistics • Klemm Tank Lines
KAG West • Kenan Transport • North Canton Transfer • Petro Chemical Transport • Transport Service Co.

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,

A handwritten signature in black ink that reads "James King". The signature is stylized, with a large, looped "K" and a distinct "J".

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@thekag.com

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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_x) 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_x 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_x 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