AIR DERC_100885151-408488 USE_20131211_Use_D3047

File with 1 3047

12/18/2013 ----- EBTP IMS- PROJECT RECORD -

PROJECT#: 408488

STATUS: P

DISP CODE:

RECEIVED: 11/18/2013

PROJTYPE: BDIU

ISSUED DT:
SUP-DISP DATE: 12/11/2013

STAFF ASSIGNED TO PROJECT:

BANDA, DANIEL

PROJECT NOTES:

NOTICE OF INTENT TO USE PERIOD: 1/1/2014 - 12/31/2014

PROJECT TRANSACTIONS

COMPANY DATA

COMPANY NAME: TRANSPORT SERVICE CO 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: ENTERPRISE TRANSPORTATION BAYTOWN

COUNTY: HARRIS

LOCATION: 5206 WADE ROAD, BAYTOWN, TX

NEAREST CITY: BAYTOWN

CONTACT DATA

NAME: JAMES KING

TITLE: DIRECTOR OF ENVIRONMENTAL QUALITY AND COMPLAINCE

STREET: 2001 SPRING ROAD, SUITE 300 CITY/STATE, ZIP: OAK BROOK, IL, 60523-0

FAX: 630-472-0495 ext 0 PHONE: 630-472-5934 ext 0 Email: james.king@thekag.com

TRANSACTION DATA

TRANSACTION TYPE: DERC_INTEN

DATE ENTERED: 2013-11-19 00:00:00.0

DELETED DATE:

EFFECTIVE YEAR:

CONTAMINATE: NOX

TONS: 0.10

DOLLARS: 0

ALLOWANCE0

CERTIFICATE NO.: D3047 COUNTY: HARRIS

COMPANY DATA

COMPANY NAME: TRANSPORT SERVICE CO 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: ENTERPRISE TRANSPORTATION BAYTOWN

COUNTY: HARRIS

LOCATION: 5206 WADE ROAD, BAYTOWN, TX

NEAREST CITY: BAYTOWN

CONTACT DATA

NAME: JAMES KING TITLE: DIRECTOR OF ENVIRONMENTAL QUALITY AND COMPLAINCE

STREET: 2001 SPRING ROAD, SUITE 300 CITY/STATE, ZIP: OAK BROOK, IL, 60523-0

FAX: 630-472-0495 ext 0 PHONE: 630-472-5934 ext 0 Email: james.king@thekag.com

TRANSACTION DATA

TRANSACTION TYPE: DERC_INTEN

DATE ENTERED: 2013-12-11 00:00:00.0

DELETED DATE: TONS: 0.10 EFFECTIVE YEAR:

CONTAMINATE: NOX

0 DOLLARS: 0

ALLOWANCE0

CERTIFICATE NO.: D3048 COUNTY: HARRIS

COMPANY DATA

COMPANY NAME: TRANSPORT SERVICE CO 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: ENTERPRISE TRANSPORTATION BAYTOWN

COUNTY: HARRIS

NEAREST CITY: BAYTOWN

LOCATION: 5206 WADE ROAD, BAYTOWN, TX

CONTACT DATA

NAME: JAMES KING

TITLE: DIRECTOR OF ENVIRONMENTAL QUALITY AND COMPLAINCE

STREET: 2001 SPRING ROAD, SUITE 300 CITY/STATE, ZIP: OAK BROOK, IL, 60523-0

PHONE: 630-472-5934 ext 0 FAX: 630-472-0495 ext 0

Email: james.king@thekag.com

TRANSACTION DATA

TRANSACTION TYPE: DERC_INTEN

DATE ENTERED: 2013-12-11 00:00:00.0

DELETED DATE:

EFFECTIVE YEAR:

CONTAMINATE: NOX

TONS: 0.10

DOLLARS: 0

ALLOWANCE0

CERTIFICATE NO.: D3049 COUNTY: HARRIS

TRACKING ACTIVITES

PM RECEIVED DATE:

11/19/2013 LETTER ISSUED:

12/19/13

DISCRETE EMISSION CREDITS INTENT TO USE TECHNICAL REVIEW

Project No.:

408488

Customer Reference

CN600313720

No.:

Project Type:

BDIU

Transport Service Co.

Regulated Entity No.: Facility Name:

RN100885151

Company: City:

Baytown

Transport Service Baytown

County:

Harris

Project Reviewer:

Mr. Daniel Banda

Portfolio Number:

P3645

Project Overview

Transport Service Co., submitted a Form DEC-2 (Notice of Intent to Use Discrete Emission Credits) received November 18, 2013. 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, 2014, through December 31, 2014.

The company intends to use 0.3 ton (including the additional 10% environmental contribution of 0.1 ton) of NO_x DERCs from certificates D-3047, D-3048, and D-3049. Each certificate is valued at 0.1 ton.

Discrete Emission Credit Use

The site hosts one boiler, Facility Identification Number (FIN) 93-1, which is subject to the ESAD listed in 30 TAC §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-3047, D-3048, and D-3049
Pollutant	NO _x
Amount	
Regulation	30 TAC §117.2010(c)(1)(A)
Use period/Use Date	

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 = $(ELA) \times (EER - RER)$

Where:

ELA = expected level of activity

EER = expected emission rate per unit activity

RER = regulatory emission rate per unit activity

DERCs required = (21,900 MMBtu) x (0.052 lb/MMBtu - 0.036 lb/MMBtu) / 2,000 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

DISCRETE EMISSION CREDITS INTENT USE TECHNICAL REVIEW

Page 2

Project Number: 408488

Conclusion:

Transport Service Co., submitted all required documentation to use DERCs for compliance with 30 TAC §117.2010(c)(1)(A). An amount of 0.3 ton of NO_x DERCs will be set aside from certificates D-3047, D-3048, and D-3049; each valued at 0.1 ton.

Account Manager

Date

R 12/11/13

Peer Reviewer

Date

Work Lead

Date

ailable Certificates in P3645

ertificate	Type	Pollutant	Amount	DERC Reserved?	Gen Started	Expires of Gen Ended	Can be Traded?	Mobile Gen?	Gen County	Gen Cert	Gen RN
	DERC	NOX	3.1		5/6/1999						RN102534278
	DERC	NOX	0.1	No	5/6/1999	5/6/2000	Yes				RN102534278
	DERC	NOX	0.1	No	5/6/1999	5/6/2000	Yes				RN102534278
	DERC	NOX	0.1	No	5/6/1999	5/6/2000	Yes				RN102534278
050	DERC	NOX	0.1	No	5/6/1999	5/6/2000	Yes				RN102534278

Form DEC-2 (Page 1)





Notice of Intent to Use Discrete Emission Credits (Title 30 Texas Administrative Code § 101.370 - § 101.379) AIR QUALITY

408488 B

DIVISION

I.	Company Identifying Informat	tion				1,71			
Α.	A. Company Name: Transport Service Co.								
	Mailing Address: 2001 Spring R	kd., Suite 300							
L_	City: Oak Brook	State: Illinois		Zip Coc	de: 60523				
_	Telephone: 630-472-5934			Fax: 6	30-472-0495				
В.									
C.	C. Site Name: Transport Service Co Baytown Terminal								
	Street Address (If no street addre	ess, give driving direction	as to site) 5602	Wade Road					
<u> </u>	Nearest City: Baytown	Zip Code: 775	521	County	: Harris				
	TCEQ Regulated Entity Number				P3 (545			
E.	TCEQ Air Account Number: (if a	applicable) HG-5072-C							
F.	Primary SIC: 4213			Air Permi	it Number: 22	560			
II.	Service Control of the Control of th		1 140884						
A.	Technical Contact Name: (X) M		Dr.): Philip Eva	ins					
	Technical Contact Title: Vice Pr	esident, Technical Service	es						
	Mailing Address: 110 Bender Av	ve.							
	City: Humble		State: Texas		Zip Code:	77338			
	Telephone: 281-446-7070		E-mail: pe	evans@wcmgr	oup.com				
III.	. Company Contact Identifying l	Information (If differen	t from Technica		etter (1)				
A.	Company Contact Name: (Mr								
	Company Contact Title: Director								
	Mailing Address: 2001 Spring Ro	d., Suite 300							
	City: Oak Brook		State: Illinois	,	Zip Code: 6	60523			
	Telephone: 630-472-5934	Fax: 630-472-0495		E-mail: jam	es.king@the	kag.com			
IV.	Mass Emission Cap and Trade	Program (MECT)		ing. 1800-bas		1,1			
				<u> </u>					
Is th	he DERC use for compliance with	30 TAC Chapter 101 Su	ibchapter H, Div	vision 3?	□YES	⊠ NO			
Yea	ar DERC Generated:	Year of Use:	Ratio of	DERC to Al	lowance:	to			
Not	e: If DERC use is to comply with M	MECT then go to Section	· LX						
Olima Turk		. Ø 4 dez	wi 1000	·		0.000000			
	Intended Use Period								
Inte	ended Use Start Date: 01/01/2014	Intended I	Use End Date: 1	12/31/2014					



Application for Certification of Emission Credits (Title 30 Texas Administrative Code § 101.300 - § 101.311)

VI. Most Stringent Emission Rate
Describe basis for most stringent emission rate: X Permit 5171 RACT Other: Notes:
Permit No. 5171 currently limits storage tank routine (i.e., working and breathing), roof landing, and degassing emissions to an annual emissions cap of 1,199.96 tpy. A copy of the current permit is included as Attachment D of this submittal.
VII. Protocol
Protocol used to calculate ERC: The lower of the BE average or EI SIP minus strategic emissions. Storage tank routine and roof landing emissions were calculated per AP-42, Section 7.1. Storage tank degassing emissions were calculated based on TCEQ guidance received during recent maintenance, start-up, and shut-down permitting efforts. Detailed emission calculations are included as Attachment C of this submittal.
Note: Please attach complete calculations used in the generation of ERCs
VIII. Certification by Responsible Official
I,
Signature Date
Signature
Title

Mail application to:
Texas Commission on Environmental Quality
Emission Banking and Trading Program MC 206
PO BOX 13087
AUSTIN, TX 78711-3087



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:
VII. Most Stringent Emission Rate
Describe basis for most stringent allowable emission rate:
☐ Permit
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)

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Air Quality Levision



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

Emission Point No.	FIN	Air Contaminant				culation of DERC	•		
			Expected Activity (units)	Expected Emission Rate (units)	Expected Total Emissions (tons)	Regulated Activity (units)	Regulated Emission Rate (units)	Regulated Total Emissions (tons)	DERCs (tons)
3-1 9	93-1	NOx	21,900 MMBtu	0.052 lb/MMBtu	0.569	21,900 MMBtu	0.036 lb/MMBtu	0.394	0.175
			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.

Page _____ of ____



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)								
Environmental Contribution (+ 10%)	CO:	NO _X : <u>0.020</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 : 0.22 or 0.3	PM ₁₀ :	SO ₂ :	VOC:			
XI. DERC Information	ion							
Name of the DERC Ge DERC Generator Reg Certificate number of held by Transport Servi Date on which the DEI Note: The certificate num	gulated Entity Nur the DERCs acqui ice Co. – Baytown T RCs were acquire	mber: <u>N/A</u> ired or to be acquir <u>Terminal</u> ed or will be acquir		. D-3047, 3048, and 30	049 Currently			
XII. Certification by	Responsible Offi	cial						
I, <u>James King</u> , 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 Date II II 2013 Title Director of Environmental Quality and Compliance								

Name: Transport Service Co.

Facility: Transport Service - Baytown Terminal

2014 NOI DERC Use Calculations: January 01, 2014 thru December 31, 2014 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

Maximum runtime =

8760 hr/yr

Expected Emis. Rate =

0.052 lb/MMBtu

(from stack test dated 03/29/05)

Regulatory Emis Rate=

0.036 lb/MMBtu

DERCs Needed =((2.5 MMBtu/hr X 0.052 lb/MMBtu) - (2.5 MMBtu/hr X 0.036 lb/MMBtu))X(8760 hr/yr/2000 lb/ton)

(nearest tenth of a ton)

= 0.175 tons/year

0.200 tons/year

0.200 tons/year + 10% environmental contribution =

0.22 tons/year

Total DERCs Needed = 0.22 tons/year (nearest tenth) = 0.3 tons/year



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		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Stack Temperature (°F)	396	396	398	397
Stack Gas Moisture				
Content (%)	12:14	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		26.1	25.8
- ppm @ 3% O₂	42.8	42.8	42.9	42.8
- lesmillon Siu	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	400			
- ppm	10.0	9.1	7.0	8.7
eppm@3%0,	16.7	1611	11.5	14.4
- lbs/million Btu elbs/กัก	0.012	0.011	0.008	0.010
Allowable Carbon	0.02	0.02	0.01	0.02
Monoxide Emissions		ł	[
= PDIII @ 3% Oz	ZIAN N	///05/5		
Unit Operating Level	400.0	400.0	400.0	400.0
- Steam Pressure (psig)	00	00	20	
- Greatii Fressure (psig)	88	86	86	87



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

November 11, 2013

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 01/01/2014 through 12/31/2014.

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 Quality and

James Kin

Compliance

2001 Spring Road

Oak Brook, IL 60523

Office:630-472-5934 | Fax: 630-472-0495

Cell: 630-853-4395 www.thekag.co

Enclosure

Received

NOV 18 203

Air Quality Envision





7010 1670 0002 2615 8833



11 Spring Road, Suite 400 Brook, IL 60523

Texas Commission on Environmental Quality
Emissions Banking and Trading
TCEQ MC-206
PO Box 13087
Austin, TX 78711-3087

CS MOV : 8 2013

tel mil / l l .

Bryan W. Shaw, Ph.D., Chairman Toby Baker, Commissioner Zak Covar, Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 19, 2013

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

Re: Notice of Intent to Use Discrete Emission Credits (DEC)

Transport Service Baytown Baytown, Harris County

Customer Reference Number: CN600313720

Regulated Entity Reference Number (RN): RN100885151

Portfolio Number: P3645

Dear Mr. King:

This letter is in response to a Notice of Intent to Use Discrete Emission Credits (Form DEC-2) received from Transport Service Co., on November 18, 2013. We understand that you plan to use 0.3 ton (including the 10% environmental contribution of 0.1 ton) of nitrogen oxides (NO_X) DECs for the purpose of compliance with 30 Texas Administrative Code (TAC) §117.2010(c)(1)(A) for the period of January 1, 2014 through December 31, 2014.

We reviewed your application and found that the notice and the credits to be used meet the requirements of 30 TAC $\S\S101.370$ through 101.379. A total of 0.3 ton of NO_x DECs from certificate D-3047, D-3048, and D-3049, valued at 0.3 ton, have been set aside for this intent.

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. Daniel Banda at (512) 239-4701 or write to the Texas Commission on Environmental Quality, Office of Air, Air Quality Division (MC-206), PO Box 13087, Austin, Texas 78711-3087.

Ms. James King Page 2 December 19, 2013

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

Sincerely,

David Brymer, Director Air Quality Division

DB/DB/ig

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: 408488

POOR QUALITY ORIGINAL

Banking and Trading Route Slip. Banking and Trading Route Slip

		AIR QUALITY D	IVISION		
	Emissions	Banking Shot lad	ing Program (EB	TP)	
Co	mpany Name:	ons Banking and Tr	ading 1 1 og 1 am (-	The state of the s	F
	Company Name:	Service Co	- R. I.		
Pro	oject Number:		14 450		_
	Project Number:	V			:
Ty	pe of Letter Correspondence:	,			_
	Type of Letter Correspondence:	DINA	DOTH	•	
Le	ter Document Number(s):				-
	Letter Document Number(s):	22353	22354		
Ce	rtificate Number(s):		<u> </u>		_
mile took	Certificate Number(s):	A	of the course of the state of the second		
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	Review and Approval Review and Approval	Initial and Date Initial and Da	te Comme	nts/Special Instructions ments/Special Instructions	
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Au	thor/Creator Review				
1	Author/Creator Review	212/17	113		
Pee	r Review Completed				
	Peer Review Completed	EN-			
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A	thor/Creator	101111)	Copies Made Date Copies Made Date	
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		DS 12/11		Mailen - Date	1
		DS 15/11	117	Mailed Date	
		•	1	12/19/18	
	Please return Routing Slip and	Project Paperwork	to Brandon Greu	ich, MC-206, Ext. 4904	-
	Please return Routing Slip	and Project Paperw	ork to Prandon (1)	ennen, MC-200, EXT. 4904	

C12/13/13