AIR DERC_102169950-409211_ USE_20141125_Use_D3140

D-340

11/26/2014 ----- EBTP IMS- PROJECT RECORD -

PROJECT#: 409211

STATUS: P

DISP CODE:

RECEIVED: 03/25/2014

PROJTYPE: BUSE

ISSUED DT:

SUP-DISP DATE: 11-75-14

STAFF ASSIGNED TO PROJECT:

MERCADO, PE, MARIE

PROJECT NOTES:

USE PERIOD 1/1/2013 - 12/31/2013. INTENT PROJECT 407404.

PROJECT HOLD: PROJECT MANAGER CHANGED ON 11/14/2014 FROM IVAN GRAY TO MARIE MERCADO.

PROJECT HOLD #2: GLITCH IN IMS ON 11/25/2014. CORRECTED 11/26/2014. ADDED ONE DAY TO HOLD.

PROJECT TRANSACTIONS

COMPANY DATA

COMPANY NAME: QUALAWASH HOLDINGS LLC CUSTOMER REGISTRY ID: CN603579996

PORTFOLIO DATA

NUMBER: P3453 NAME: QUALAWASH HOLDINGS CLUTE - RN102169950

SITE DATA

ACCOUNT: BL0732U

REG ENTITY ID: RN102169950

SITE NAME: QUALAWASH HOLDINGS CLUTE

COUNTY: BRAZORIA **NEAREST CITY: CLUTE**

LOCATION: 701 BRAZOSPORT BLVD S CLUTE, TX 77531-5711

CONTACT DATA

NAME: CHARLES BOYD TITLE: AREA MANAGER

STREET: 1302 NORTH 19TH STREET, SUITE 300 CITY/STATE, ZIP: TAMPA, FL, 33605-0

PHONE: 423-842-1488 ext 0 FAX: 423-842-3993 ext 0 Email: cboyd@qualawash.com

TRANSACTION DATA

TRANSACTION TYPE: DERC_USE

DATE ENTERED: 2014-05-01 00:00:00.0 **DELETED DATE: EFFECTIVE YEAR:** CONTAMINATE: NOX TONS: 0.50 DOLLARS: 0

ALLOWANCE0 CERTIFICATE NO.: D3140 COUNTY: BRAZORIA

TRACKING ACTIVITES

PROJECT SUBMITTED: 03/21/2014 PROJECT HOLD: 05/01/2014 11/15/2014 PM RECEIVED DATE: 05/01/2014

PROJECT COMPLETED: 12/2/14

http://ida.tceq.texas.gov/ida/index.cfm?fuseaction=bkproject.project report&proj num i... 11/26/2014

	INTENT PROJECT	INTENT RECEIVED	INTENT CERTIFICATE	POLLUTANT	INTENT AMOUNT	TOTAL AMOUNT	PERIOD START DATE	PERIOD END DATE			USE RECEIVED	USE AMOUNT	USE CERTIFICATE
ſ	407404	11/19/2012	D2946	NOX	0.5	2.7	1/1/2013	12/31/2013	YES	409211	3/25/2014		



Form DEC-3 (Page 1) Notice of Use of Discrete Emission Credits (Title 30 Texas Administrative Code § 101.370 - § 101.379) 40921

RECEIVED MAR 25 2014 MIRCUMALITY

I. COMPANY IDENTIFYING INFORMATION									
A. Company Name: Qualawash Holdings LLC -									
Mailing Address: 1302 N. 19 th Street, Suite 300									
City: Tampa State: Fl	orida	Zip Code: 33605							
Telephone: (813) 505-3997		Fax: (813) 221-1701							
B. TCEQ Customer Number (CN): CN603579996 /									
C. Site Name: Qualawash Holdings Clute	Site Name: Qualawash Holdings Clute								
Street Address (If no street address, give driving directions	to site) 701 Highway	y 227 S (Business 288)							
Nearest City: Clute Zip Code: 77531-571	1 County:	Brazoria							
D. TCEQ Regulated Entity Number (RN): RN102169950									
E. TCEQ Air Account Number: (if applicable) BL-0732-U	/	P34 53							
F. Primary SIC: 7542	Air Pe	ermit Number: 48930							
II. TECHNICAL CONTACT IDENTIFYING INFOR	RMATION								
A. Technical Contact Name: (Mr. Mrs. Mrs.	Ms.	harles Boyd							
Technical Contact Title: Director of Environmental	Affairs								
Mailing Address: : 1302 N. 19th Street, Suite 300									
City: Tampa	State: Florida	Zip Code: 33605							
Telephone: (423) 842-1488 Fax: (423) 8	42-3993 E	-mail: cboyd@Qualawash.com							
III. COMPANY CONTACT IDENTIFYING INFORM	ATION								
A. Company Contact Name: (Mr. Mrs. Mrs.	Ms. Dr.): Chai	rles Boyd							
Company Contact Title: Director of Environmental	Affairs								
· Mailing Address: 101 S. Franklin St. 1302 N. 19th S	treet, Suite 300								
City: Tampa	State: Florida	Zip Code: 33605							
Telephone: : (423) 842-1488 Fax: (423) 842-	-3993 E	-mail: cboyd@Qualawash.com							
IV. Mass Emission Cap and Trade Program (MECT)									
Is the DERC use for compliance with 30 TAC Chapter 10	1, Subchapter H, Div	rision 3?							
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 X									
V. Use Period	V. Use Period								
Use Start Date: 01/01/2013									



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

IX. Tons of DERCs Used Calculation of DERCs Regulated Actual Regulated Activity Regulated Actual Activity (units) Actual Emission Total (units) **Emissions Rate DERCs** Total **Emissions Rate** Point FIN Air Used (units) **Emissions** (units) Emissions No. Contaminant (tons) (tons) (tons) 0.352 0.205 0.557 11,363.6 MMBtu/yr 0.036 lb/MMBtu NOx 11.363.6 MMBtu/vr 0.098 lb/MMBtu BLR-1 BLR-1 Total: 0.35

TCEQ 10393 (Revised 12/07) Form DEC-3 and Instructions This form is for use by facilities subject to air quality permit requirements and may be revised periodically.



Form DEC-3 (Page 4) Notice of Use of 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 CO: NO _X : PM ₁₀ : SO ₂ : VOC:									
Offset Ratio (if required)	CO:	NO _x :	PM ₁₀ :	SO ₂ :	VOC:				
Environmental Contribution (+ 10%)	CO:	NO _x : <u>0.040</u>	PM ₁₀ :	SO ₂ :	VOC:				
Total DERCs Used	CO:	NO _x : 0.44 or 0.5 ton	PM ₁₀ :	SO ₂ :	VOC:				
XI. DERC INFORMAT	IION								
DERC Generator Regulate Certificate number of the l	Name of the DERC Generator: NA DERC Generator Regulated Entity Number: NA Certificate number of the DERCs acquired or to be acquired: Currently Held By Qualawash Holdings LLC Note: The certificate number is assigned by the TCEQ								
XII. CERTIFICATION	N BY RESPONSI	BLE OFFICIAL			en e				
I, <u>Charles Boyd</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. Date: 3/21/2014									
Title Director of Environmental Affairs									
A THE DATE OF THE PROPERTY OF									



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

VI. State and Federal Requirements	
Applicable State and Federal requirements th	nat the DERCs will be used for compliance:
	Ch. 117
VII. Most Stringent Emission Rate	
Describe basis for most stringent allowable e	emission rate:
Permit : RACT	: 0.036 lb/MMBtu Other:
Notes:	
VIII. PROTOCOL	
Protocol used to calculate DERC: Note: Attach the actual calculations that were	e used to determine the amounts of DERCs needed to this form

Continue to Section VII (next page)

Name: Qualawash Holdings, LLC

Facility: Clute Terminal

2013 DERC Use Calculations:

DERCs Used = ALA X (AER-RER)/ 2000 lb//ton + 10% environmental contribution

Where:

ALA = actual level of activity

AER = actual emission rate per unit activity

RER = regulatory emission rate per unit of activity

Boiler:

BLR-1

Assumption:

Actual Fuel Usage = 11,140.8 MCF/yr
Actual Fuel Usage = 11,363.6 MMBtu/yr

Actual Emission Rate = 0.098 lb/MMBtu (from December 1, 2005 stack test)

Regulatory Emission Rate= 0.036 lb/MMBtu

DERCs Used =((11,363.6 MMBtu/yr X 0.098 lb/MMBtu) - (11363.6 MMBtu/yr X 0.036 lb/MMBtu)/2000 lb/tc

= 0.35 tons/year

= 0.40 tons/year + 10% environmental contribution = 0.44 tons/year

2013 Actual NOx DERC Usage :			
To	tal DERCs Used =	<u>0.5</u>	tons
Certificate No	o. Held by QHL (D-3079) =	1.70	tons
2013 NOI Retained Certificate No	o. Held by QHL (D-2950) =	2.20	tons
	2013 DEC-2 NOI =	0.50	tons
Actual NOx	DERC Usage Variance =	0.00	tons
ד	Total DERCs Remaining =	1.70	tons

CLUTE, TEXAS 2013 SUMMARY OF ANNUAL FUEL USAGE

Source: Boiler Boiler

		FUEL USAGE	
Monthly	Fuel Usage in Therms	MCF	MMBTU
January	7,190	705	718.8
February	9,300	912	929.8
March	9,600	941	959.8
April	11,130	1091	1,112.7
May	11,800	1157	1,179.7
June	11,570	1134	1,156.7
July	10,050	985	1,004.8
August	9,250	907	924.8
September	7,690	754	768.8
October	7,940	778	793.8
November	8,490	832	848.8
December	9,654	946	965.1
Totals =	113,663.6	11,140.8	11,363.6

Note: Usage from 2013 gas bills. 1 Btu = 1.00023881214x10-5 therms

PAGGINALE SILAMANTA

On December 1, 2005, Golden Specialty Consulting, Ltd. (GOLDEN) was contracted by Quala Systems, Inc. to perform air testing at their facility located in Clute, Texas. GOLDEN was contracted to perform a compliance emissions testing for the purposes of reporting the emissions on the Boiler 1. The constituents tested for were NO_x, CO, and O₂. This test was conducted in accordance with all appropriate U.S. EPA Methodologies as well as applicable Texas Commission on Environmental Quality (TCEQ) regulations. Boiler 1 is not regulated under Quala's air permit number 48930, but is exempted by TCEQ Standard Exemption 7.

The boiler is subject to the NOx control requirements of 30 TAC 117.475 (b) and was tested to establish the level of NOx emission in accordance with the procedures specified in 30 TAC 117.479 (e). However, Quala Systems Inc. has opted to comply with the NOx emission specification in 30 TAC 117.475 (c) by obtaining Discrete Emission Reduction Credits (DERCs) as allowed by 30 TAC 117.570 (a). The DECRs will be used to cover the margin of NOx emissions in excess of the specification. Therefore the test results are not intended to demonstrate compliance with the regulatory specification, but to establish a NOx emission factor to be used to quantify actual NOx emissions from fuel usage for the purpose of annual compliance reporting under 30 TAC 101, subchapter H, division 4.

A total of three runs were performed for compliance demonstrations. Sampling for NO_x, O₂, and CO was performed in accordance with EPA Methods 7E, 3A, and 10 respectively. During the compliance test, Boiler 1 was operated at 100% of it's 150 Hp rated capacity.

	Run Number		2	3	Average	Compliance
Date	Test Date	12/1/2005	12/1/2005	12/1/2005		
Start	Run Start Time	12:12	13:29	14:44		l
	Run Finish Time	13:12	14:29	15:44		ļ
Θ	Net Run Time, minutes	60	60	60	60	
%O₂	Oxygen, %	13.18	13.28	11.90	12.787	
	F Factor	8,710	8,710	8,710	8710	
NO _{x ppm}	Nitrogen Oxides Concentration, ppmd	33.52	34.31	42.1	36.6	· · · · · · · · · · · · · · · · · · ·
NO _{x ib/mmBTU}	Nitrogen Oxides Concentration, Ib/mmBTU	0.094	0.098	0.102	0.098	0.036
CO _{ppm}	Carbon Monoxide Concentration, ppmd	40.38	48.83	12.16	33.79	
CO ppm @ 3% O2	Carbon Monoxide Concentration, ppm @ 3% O ₂	93.67	114.66	24.18	77.5	400 ppm @ 3% O,
CO ibimmBTU	Carbon Monoxide Concentration, lb/mmBTU	0.069	0.085	0.018	0.067	

Table 1-1. Summary of Boiler 1 Compliance Testing



Sustainable Container Solutions

March 21, 2014

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

RE:

Notice of Use of Discrete Emission Reduction Credits (Form DEC-3)

Qualawash Holdings LLC - Clute Facility

CN603579996; RN102169950

Dear Sir or Madam:

Qualawash Holdings LLC (QHL) is submitting the enclosed Notice of Use of Discrete Emission Credits (Form DEC-3) for the above referenced facility covering the compliance period beginning January 1, 2013 and ending December 31, 2013. A Notice of Intent to Use Discrete Emission Reduction Credits (Form DEC-2) was previously submitted specifying an anticipated total DERC requirement of 0.5 tons for the compliance period.

The attached Form DEC-3 meets the notification requirements of 30 TAC 101.376(e) and includes 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 you have questions or a need for additional information, please contact me at (423) 842-1488.

Sincerely,

Charles D Boyd

Director of Environmental Affairs

PRESS FIRMLY TO SEAL







1006

78711

\$5.60

PRIORITY *



DATE OF DELIVERY SPECIFIED



USPS TRACKING™ INCLUDED*



INSURANCE INCLUDED*



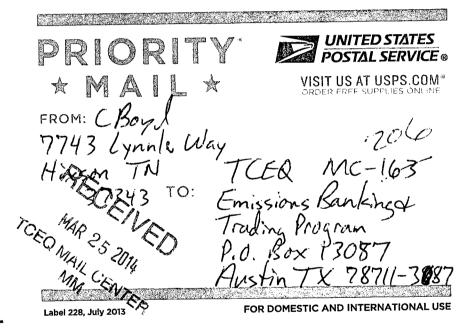
PICKUP AVAILABLE

* Domestic only

WHEN USED INTERNATIONALLY, A CUSTOMS DECLARATION LABEL MAY BE REQUIRED.



FROM:





EP14F July 2013

VISIT US AT USPS.COM®



Marie Mercado

From:

Ann Nguyen

Sent:

Wednesday, November 26, 2014 7:31 AM

To: Cc: Brandon Greulich

Subject:

RE: D3079: 0.5 to 1.7

Marie Mercado

This request and the other to change the certificate number in project 409211 have been updated. Please verify.

From: Brandon Greulich

Sent: Tuesday, November 25, 2014 2:37 PM

To: Ann Nguyen **Cc:** Marie Mercado

Subject: D3079: 0.5 to 1.7

Hi Ann,

Also, the certificate value for D3079 is wrong...

Can you change this from 0.5 to 1.7 please?

Thank you Ann

Brandon Greulich (512) 239-4904 Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Zak Covar, Commissioner Richard A. Hyde, P.E., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 2, 2014

Mr. Charles D. Boyd Director of Environmental Affairs QualaWash Holdings, LLC 1302 North 19th Street, Suite 300 Tampa, Florida 33605

Re: Use of Mobile Discrete Emission Reduction Credits (MDERCs)

QualaWash Holdings Clute Clute, Brazoria County

Regulated Entity Reference Number: RN102169950

Customer Reference Number: CN603579996

Portfolio Number: P3453

Dear Mr. Boyd:

This letter is in response to QualaWash Holdings, LLC's Notice of Use of Discrete Emission Credits (Form DEC-3) received on March 25, 2014, regarding the use of 0.5 ton (including 10% environmental contribution of 0.1 ton) of nitrogen oxides (NO_X) MDERCs for the purpose of compliance with 30 Texas Administrative Code (TAC) §117.2010(c)(1)(A) for the period of January 1, 2013 through December 31, 2013.

Upon review of the use of these credits, we agree that the use of 0.5 ton of NO_X MDERCs meets the requirements of 30 TAC §101.376 for compliance with §117.2010(c)(1)(A). A total of 0.5 ton of NO_X MDERCs from certificate D-2946 has been retired for this purpose.

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 Ms. Marie Mercado, P.E., at (512) 239-2054 or write to the Texas Commission on Environmental Quality, Office of Air, Air Quality Division (MC-206), PO Box 13087, Austin, Texas 78711-3087. This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality.

Sincerely,

David Brymer, Director Air Quality Division

DB/MM/nb

Mr. Charles D. Boyd Page 2 December 2, 2014

cc: Air Section Manager, Region 12 – Houston Ms. Karen Carroll, Director, Environmental Health, Brazoria County Health Department, Angleton

Project Number: 409211

DISCRETE EMISSION CREDIT USE TECHNICAL REVIEW

Project No.:	409211	Customer Reference No.:	CN603579996
Project Type:	BUSE	Regulated Entity No.:	RN102169950
Company:	Qualawash Holdings, LLC	Site Name:	Qualawash Holdings Clute
City:	Clute	County:	Brazoria
Project Reviewer:	Ms. Marie Mercado, P.E.	Portfolio Number:	P3453

PROJECT OVERVIEW

Qualawash Holding, LLC, (Qualawash) has submitted a Notice of Use of Discrete Emission Credits (Form DEC-3) received on March 25, 2014. Qualawash is using nitrogen oxides (NOx) Mobile Discrete Emission Reduction Credits (MDERCs) to help meet the requirements of 30 Texas Administrative Code (TAC) §117.2010(c)(1)(A) for a gas fired boiler. Qualawash has used a total of 0.5 ton (including the 10% environmental contribution of 0.1 ton) of NO_x MDERCs to cover excess emissions from Facility Identification Number (FIN) BLR-1 at the Qualawash Holdings Clute site. The use period is January 1, 2013 through December 31, 2013.

The corresponding intent to use project is 407404. The intent project set aside 0.5 ton of NO_x MDERCs from MDERC certificate D-2946. Certificate D-2946 (use certificate D-3140) was used in its entirety during the use period and will be retired for this use.

DISCRETE EMISSION REDUCTION CREDIT USE

Qualawash is subject to the emission specifications for attainment demonstration (ESAD) listed in §117.2010(c)(1)(A). FIN BLR-1 is currently unable to meet the ESAD and Qualawash is using MDERCs to cover the excess emissions. The company submitted a stack test conducted December 1, 2005, to verify the actual emission rate, of 0.098 pound per million British thermal unit (lb/MMBtu), for FIN BLR-1. Qualawash submitted actual level of activity for the use period, in units of MMBtu, based on the fuel usage of the boiler. FIN BLR-1 had a level of activity of 11,363.6 MMBtu during the use period. Qualawash submitted a copy of the stack testing results and the monthly fuel usage summary as backup documentation.

Certificate to be used:

Pollutant:

Amount:

Regulation:

Intent to Use Period:

D-2946 NO_{x} 0.5 ton

§117.2010(c)(1)(A) 01/01/2013 - 12/31/2013

CREDIT USE CALCULATION METHODS

The MDERC use was calculated per 30 TAC §101.376(e)(2)(A) as follows:

MDERCs needed = 11,363.6 MMBtu x (0.098 - 0.036) lb/MMBtu x (1 ton/2000 lbs) = 0.4 ton

10% Environmental Contribution (rounded up to a tenth of a ton) = 0.1 ton

Total MDERCs required = 0.4 ton + 0.1 ton = 0.5 ton

Project Number: 409211

Page 2

CONCLUSION

Qualawash has submitted the appropriate paperwork and accurately calculated the amount of MDERCs used to comply with $\S117.2010(c)(1)(A)$ during the use period of January 1, 2013 through December 31, 2013. Certificate D-2946 (use certificate D-3140) for 0.5 ton of NO_X MDERCs will be retired for this use.

Project Manager

Date

Peer Reviewer

Date

Worls and

Dot

Date

Banking and Trading Route Slip

Emissi	AIR QUALITY Dons Banking and Tradi			
	ah Holdings, LLC	Quabwash Holo	lines Clute	<u>2482/33</u>
Project Number: 4092			0 RN102	1699
Type of Letter Correspondence:	DOTE: D	rus		
Letter Document Number(s):	24150 : 6	14181		
Certificate Number(s):	-2946	(Use certi	Ficale D-	314
Review and Approval	Initial and Date	Comments/Specia		
Brandon Greulich, Work Lead EBTP	12/2/2014	MINOR BOUTS ON T	Eu Namens /	
Author/Creator Review	MM 12/2/14			
Peer Review Completed	NR 12-2-21			
Author/Creator	MM	C	opies Made Dat	<u>e</u>
	11/25/14		Mailed Dat	te Z
Please return Routing Slip a	and Project Paperwork	to Brandon Greulich MC-2	06 Fxt 4904	

(2/3/14