

Item Barcode: 100349074



New Source Permits

AIR NSR P 025

Air #: 106058878 94427

File Type: Permits

Volume: 001

Date: 1/1/2011 -

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Box Barcode: 566982

AIR RA/106058878/94427/PA

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 27, 2011

MR GREG GLAZE
OPERATIONS MANAGER
COLONIAL PIPELINE COMPANY
7225 WESPARK CIR
BEAUMONT TX 77705-7218

Permit by Rule Registration Number: 94427
Location/City/County: 1825 H O Mills Port Arthur Tx 77640 Approximately 4 Miles West Of Port Arthur Near Intersection Of Hwy 73 And Hwy 93, Port Arthur, Jefferson County
Project Description/Unit: Port Arthur Station - Pipeline Pump Station
Regulated Entity Number: RN106058878
Customer Reference Number: CN600300453
New or Existing Site: Existing
Affected Permit (if applicable): None
Renewal Date (if applicable): None

Colonial Pipeline Company has registered the emissions associated with sumps and fugitive piping components in the Port Arthur- Pipeline Pump Station under Title 30 Texas Administrative Code § 106.261. For rule information see: http://www.tceq.state.tx.us/permitting/air/nav/numerical_index.html

No planned MSS emissions have been represented or reviewed for this registration and none will be authorized. The company is also reminded that these facilities may be subject to and must comply with other state and federal air quality requirements.

All analytical data generated by a mobile or stationary laboratory to support the compliance with an air permit must be obtained from a NELAC (National Environmental Laboratory Accreditation Conference) accredited laboratory. For additional information regarding the laboratory accreditation program, please see the following Web site which includes the accreditation and exemption information:
http://www.tceq.state.tx.us/compliance/compliance_support/qa/env_lab_accreditation.html

This registration is taken under the authority delegated by the Executive Director of the TCEQ. If you have questions, please contact Mr. Emmanuel Ukandu, P.E. at (713) 767-3699.

Sincerely,

Anne M. Inman, P.E., Manager
Rule Registrations Section
Air Permits Division

Represented Emissions:

VOC	2.59	tpy
HAPs (included in VOC)	<0.10	tpy

cc: Air Section Manager, Region 10 - Beaumont

Project Number: 162342

RECEIVED
APR 04 2011
TCEQ
CENTRAL FILE ROOM

TECHNICAL REVIEW: AIR PERMIT BY RULE

Permit No.:	94427	Company Name:	Colonial Pipeline Company	APD Reviewer:	Mr. Emmanuel Ukandu, P.E.
Project No.:	162342	Unit Name:	Port Arthur Station - Pipeline Pump Station	PBR No(s):	106.261

GENERAL INFORMATION			
Regulated Entity No.:	RN106058878	Project Type:	Permit by Rule Application
Customer Reference No.:	CN600300453	Date Received by TCEQ:	December 20, 2010
Account No.:		Date Received by Reviewer:	December 28, 2010
City/County:	Port Arthur, Jefferson County	Physical Location:	1825 h o mills port arthur tx 77640 approximately 4 miles west of port arthur near intersection of hwy 73 and hwy 93

CONTACT INFORMATION					
Responsible Official/ Primary Contact Name and Title:	Greg Glaze Operations Manager	Phone No.:	(409) 291-5647	Email:	GGLAZE@COLPIPE.COM
		Fax No.:	(409) 842-6405		
Technical Contact/ Consultant Name and Title:	Randy Smith Environmental Manager Gulf Coast District	Phone No.:	(601) 765-9174	Email:	WSMITH@COLPIPE.COM
		Fax No.:	(601) 765-6514		

GENERAL RULES CHECK	YES	NO	COMMENTS
Is confidential information included in the application?		X	
Are there affected NSR or Title V permits for the project?		X	Un-registered PBRs for tank(less than 25,000 gallons as represented).
Is each PBR > 25/250 tpy?		X	
Are PBR sitewide emissions > 25/250 tpy?		X	
Are there permit limits on using PBRs at the site?		X	
Is PSD or Nonattainment netting required?		X	Emissions are below trigger levels
Do NSPS, NESHAP, or MACT standards apply to this registration?		X	
Does NOx Cap and Trade apply to this registration?		X	
Is the facility in compliance with all other applicable rules and regulations?	X		

DESCRIBE OVERALL PROCESS AT THE SITE

Colonial Pipeline Company has operated booster stations for its pipeline system since the 1960s. The Pipeline systems serve to transfer refined liquid petroleum products (gasoline and distillates) through two underground pipelines which run from Texas to New Jersey. The primary function of the installation is to boost internal pressure within the pipelines and to meter and inject products within and into the pipelines at the site. As represented, pressure is boosted with electric pumps.

DESCRIBE PROJECT AND INVOLVED PROCESS

This project is submitted to authorize emissions associated with sumps, automatic samplers, sample houses, and associated fugitive piping and components. Tanks, maintenance, and emergency generator emissions are previously claimed under 106.478, and 106.263, respectively. However, total emissions for all sources at the site showed that site-wide emissions are below the 25/250 tpy of 106.4 emission limits.

Client provided documentation in the project package to justify why this project would not fall under 106.352 since the equipment does not handle gases and liquids associated with the production, conditioning, processing, and pipeline transfer of fluids found in geologic formations beneath the earth's surface. The gasoline and distillates handles here are manufactured products, which are not found in geologic formations beneath the earth's surface. Also, 106.355 does not apply to this facility since the activities requested for coverage are located at separate sites as defined in 122.10(9) and are not located between separate sites. Colonial owns the equipment and property associated with each installation which it considers a separate site in and of its own. Project emissions were calculated using approved TCEQ Guidance and methods. There project will not result in an increase in capacity or production. Total emissions associated with the project are estimated at 2.59 tpy of VOCs.

TECHNICAL SUMMARY - DESCRIBE HOW THE PROJECT MEETS THE RULES

This project will meet the conditions of Permit by Rule §106.261 Facilities (Emission Limitations) in the following manner:

(a) The physical changes to these existing facilities will satisfy the following requirements:

- (1) The facilities are located more than 100 feet from the nearest offsite receptor.
- (2) RPF listed in 106.261(a)(2) will be emitted from the facilities affected by this registration based on the 6 lb/hr, 10 tpy thresholds.
- (3) As represented emissions proposed to be authorized under 106.261 (a)(3) are below the allowable limits of 1.0 lb/hr each (see table).
- (4) There will be no changes to or additions of any air pollution abatement equipment.
- (5) Visible emissions, except uncombined water, to the atmosphere from any point or fugitive source will not exceed 5.0% opacity in any six-minute period.
- (6) Notification is being provided using Form PI-7 as soon as possible and all required documentation is submitted.

TECHNICAL REVIEW: AIR PERMIT BY RULE

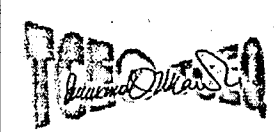
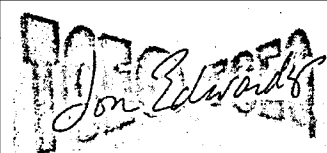
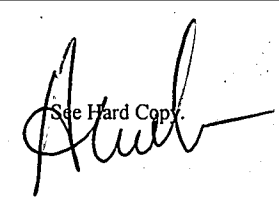
Permit No.: 94427	Company Name: Colonial Pipeline Company	APD Reviewer: Mr. Emmanuel Ukandu, P.E.
Project No.: 162342	Unit Name: Port Arthur Station - Pipeline Pump Station	PBR No(s).: 106.261

COMMUNICATION LOG			
Date	Time	Name/Company	Subject of Communication
11/14/2011	10.42 am	Jaime Godbold	Called and requested client to provide process description for the project and justify why the project cannot be authorized under 106.355.
11/14/2011	10.42 am	Jaime Godbold	Called and requested client to provide process description for the project and justify why the project cannot be authorized under 106.355.
01/21/2011	12.58 am	-----Same-----	Asked client to provide total site-wide emissions for compliance demonstration with 106.4 emission limits
01/24/2011	4.42 pm	-----Same-----	Client e-mailed requested information to reviewer.

PBR Emission Limits						
Chemical	PBR Claimed	L, mg/m ³	Emission Limit (E = L/K), lb/hr	Emission Limit tpy	Actual Emissions lb/hr	Actual Emissions tpy
Refinery Petroleum Fractions	106.261(a)(2)	N/A	6.0	10.0	0.59	2.59

ESTIMATED EMISSIONS															
EPN / Emission Source	Specific VOC or Other Pollutants	VOC		NOx		CO		PM ₁₀		PM _{2.5}		SO ₂		Other	
		lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy
SUMP1		0.25	1.08												
SUMP2		0.25	1.08												
FUGITIVES		0.10	0.422												
TOTAL PROJECT EMISSIONS		0.59	2.59												
TOTAL SITEWIDE EMISSIONS (TPY):		-	10.85					-	0.03	-	0.03				
MAXIMUM OPERATING SCHEDULE:		Hours/Day		Days/Week		Weeks/Year		Hours/Year		8760					

SITE REVIEW / DISTANCE LIMIT	Yes	No	Description/Outcome	Date	Reviewed by
Site Review Required?		X			
PBR Distance Limits Met?	X		>100ft. to the nearest off-property receptor	01/03/2011	Reviewer as represented by client.

	TECHNICAL REVIEWER	PEER REVIEWER	FINAL REVIEWER
SIGNATURE:			
PRINTED NAME:	Mr. Emmanuel Ukandu, P.E.	Jon Edwards, P.E.	Anne Inman, P.E.
DATE:	January 26, 2011	January 26, 2011	January 27, 2011

BASIS OF PROJECT POINTS	POINTS
Base Points:	1.5
Project Complexity Description and Points: sitewide emissions research/comm..	0.5
Technical Reviewer Project Points Assessment:	2.0
Final Reviewer Project Points Confirmation:	

01/27/2011 -----NSR IMS - PROJECT RECORD -----

PROJECT#: 162342 PERMIT#: 94427 STATUS: PENDING DISP CODE: C
RECEIVED: 12/20/2010 PROJTYPE: INITIAL AUTHTYPE: PBR ISSUED DT: 1/27/11
RENEWAL:

PROJECT ADMIN NAME: PORT ARTHUR STATION - PIPELINE PUMP STATION
PROJECT TECH NAME: SUMPS, FUGITIVES @ PORT ARTHUR - PIPELINE PUMP STATION

Assigned Team: **RULE REG SECTION**

Z.O
JE

STAFF ASSIGNED TO PROJECT:

MASON, LISA - REVIEWR1_2 - AP INITIAL REVIEW
UKANDU, EMMANUEL - REVIEW ENG - RR TEAM

CUSTOMER INFORMATION (OWNER/OPERATOR DATA)

ISSUED TO: COLONIAL PIPELINE COMPANY
COMPANY NAME: Colonial Pipeline Company
CUSTOMER REFERENCE NUMBER: **CN600300453**

REGULATED ENTITY/SITE INFORMATION

REGULATED ENTITY NUMBER: **RN106058878** ACCOUNT:
PERMIT NAME: COLONIAL PIPELINE PORT ARTHUR STATION

REGULATED ENTITY LOCATION: 1825 H O MILLS PORT ARTHUR TX 77640 APPROXIMATELY 4 MILES WEST OF PORT ARTHUR NEAR INTERSECTION OF HWY 73 AND HWY 93
REGION 10 - BEAUMONT NEAR CITY: PORT ARTHUR COUNTY: JEFFERSON

CONTACT DATA

CONTACT NAME: MR GREG GLAZE CONTACT ROLE: RESPONSIBLE OFFICIAL
JOB TITLE: OPERATIONS MANAGER ORGANIZATION: COLONIAL PIPELINE COMPANY
MAILING ADDRESS: 7225 WESPAK CIR, BEAUMONT, TX, 77705-7218
PHONE: (409) 291-5647 Ext: 0
FAX: (409) 842-6405 Ext: 0
EMAIL: GGLAZE@COLPIPE.COM

CONTACT NAME: MR RANDY SMITH CONTACT ROLE: TECHNICAL CONTACT
JOB TITLE: ENVIRONMENTAL MANAGER GULF COAST DISTRICT ORGANIZATION: COLONIAL PIPELINE COMPANY
MAILING ADDRESS: PO BOX 1298, COLLINS, MS, 39428-1298
PHONE: (601) 765-9174 Ext: 0
FAX: (601) 765-6514 Ext: 0
EMAIL: WSMITH@COLPIPE.COM

PROJECT NOTES:

12/28/2010 12/23/10 RECEIVED FROM FEE RECEIPTS

PERMIT NOTES:

FEE:

Reference	Fee Receipt Number	Amount	Fee Receipt Date	Fee Payment Type
97579		450.00	12/20/2010	CHECK

TRACKING ELEMENTS:

TE Name	Start Date	Complete Date
APIRT RECEIVED PROJECT (DATE)	12/23/2010	
APIRT TRANSFERRED PROJECT TO TECHNICAL STAFF (DATE)	12/28/2010	
ENGINEER INITIAL REVIEW COMPLETED (DATE)	01/03/2011	
PROJECT RECEIVED BY ENGINEER (DATE)	01/03/2011	
DEFICIENCY CYCLE	01/14/2011	01/24/2011
PEER / MANAGER REVIEW PERIOD	01/26/2011	01/27/2011
CENTRAL REGISTRY UPDATED		

UNIT TYPES:Project Unit Type:

Industry Group	Industry Type	Source Type	Control/BACT Type	Request	Authorization
CHEMICAL	PIPELINE BREAKOUT STATION				

PROJECT RULES:

Unit Desc	Rule Desc	Request Type	On Application	Approve
FACILITIES (EMISSION LIMITATIONS)	106.261 -	ADD	Y	APPROVE

PERMIT RULES:

Unit Desc	Rule Desc	Start Date	End Date
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PROJECT ATTRIBUTES:

Attributes	Value
MSS- 101.222(H)(1)	E
PROJECT POINT	