

Jackson, Angelia

From: Milkint, Louis (LMilkint) [LMilkint@chevron.com]
Sent: Wednesday, August 09, 2006 4:42 PM
To: Jackson, Angelia
Cc: Milkint, Louis (LMilkint)
Subject: FW: Pre-Draft 0050056-012-AF
Attachments: Chevron 0050056-012-AF (pre-draft).doc

Angelia: No do not delete any tanks we want to add to the product sections instead of reading just Gasoline add Aviation Gasoline incase we have to change products.(like for like).

I have made the changes in blue on the draft what we would like to have. No other comments that I could note. Thanks for the help and if you want to talk to me about

this give me a call on my cell phone 770-652-7942.

Thanks,

Lou

From: Milkint, Louis (LMilkint)
Sent: Wednesday, August 09, 2006 3:58 PM
To: 'Angelia.Jackson@dep.state.fl.us'
Cc: Milkint, Louis (LMilkint)
Subject: FW: Pre-Draft 0050056-012-AF

I will try again the first one would not take.

Lou

From: Milkint, Louis (LMilkint)
Sent: Wednesday, August 09, 2006 3:56 PM
To: 'Angelia.Jackson@dep.state.fl.us'
Cc: Franklin, Terry (AFRA); Milkint, Louis (LMilkint); 'Sam_Najim@URSCorp.com'
Subject: FW: Pre-Draft 0050056-012-AF

Angelia: If possible we would like to change the Products in the Table in Section I Subsection A page 2 to the following:

Tank 10	Gasoline or Aviation Gasoline	3,186,374	Yes	IFR
Tank 66	Gasoline or Aviation Gasoline	703,374	Yes	IFR
Tank 67*	Diesel or Jet A	699,552	No	FR
Tank 78	Gasoline or Aviation Gasoline	1,053,990	No	IFR
Tank 84	Gasoline or Aviation Gasoline	1,103,940	No	EFR
Tank 25	Diesel or Jet A	852,222	No	FR
Tank 62	Diesel or Jet A	211,492	No	FR
Tank 63	Diesel or Jet A	211,492	No	FR

The additions and removals all look good in the draft, if you need more information please E-Mail and I will get back to you.

8/10/2006

Louis C. Milkint
TESH

From: Jackson, Angelia [mailto:Angelia.Jackson@dep.state.fl.us]
Sent: Tuesday, August 08, 2006 3:48 PM
To: Franklin, Terry (AFRA); lmilkint@chevron.com
Cc: White, Kevin M.
Subject: RE: Pre-Draft 0050056-012-AF

Mr. Terry Franklin,

Attached you will find a pre-draft permit of your Panama City Terminal, located in Bay County, for your review. Please note the changes that have been made during this review process, or added for clarification of the permit. These changes are indicated in red and include additional requirements under specific condition A.26., and A.27 as well as changes to the VE limit under specific condition A.5. Please feel free to provide comments to these changes no later than August 18, 2006. This permit is not a final review and is subject to change.

<<Chevron 0050056-012-AF (pre-draft).doc>>

Please call if you have any questions,

Angelia (850-595-8300 x1231)

Please note: Florida has a very broad public records law. Most written communications to or from state officials are public records and may be made available to the public or media upon request. This e-mail communication, your reply, and future e-mails to my attention may therefore be subject to public disclosure.

Section I. Facility Information.

Subsection A. Facility Description.

This facility is a petroleum terminal consisting of storage tanks, a loading rack and a vapor combustion unit. The terminal receives petroleum products by barge, stores the products in tanks and then loads the products into tanker trucks for distribution. A vapor combustion unit controls tanker truck loading emissions. Facility emissions are limited by limiting the maximum throughput of petroleum liquids through the facility, and this facility is considered a synthetic minor facility as a result. The following is a list of the terminal tanks:

<u>Group ID.</u>	<u>Product Stored</u>	<u>Capacity</u> (gal)	<u>NSPS Tank</u> (Subpart Kb)	<u>Tank Type</u>
Tank 10	Gasoline(or Aviation Gasoline)	3,186,374	Yes	IFR
Tank 66	Aviation Gasoline(or Gasoline)	703,374	Yes	IFR
Tank 67*	Jet A(or Diesel)	699,552	No	FR
Tank 78	Gasoline(or Aviation Gasoline)	1,053,990	No	IFR
Tank 84	Gasoline(or Aviation Gasoline)	1,103,940	No	EFR
Tank 25	Diesel(or Jet A)	852,222	No	FR
Tank 62	Jet A(or Diesel)	211,492	No	FR
Tank 63	Jet A(or Diesel)	211,492	No	FR
Tank 14	Additive	12,000	Yes	FR
Tank 17	Additive	5,838	No	FR
Tank 18	Additive	4,000	No	FR
Tank 20	Flare Drop-Out (currently dry)	250	No	FR
Tank 21	Additive	5,800	No	FR
Tank 22	Additive	8,148	No	FR
Tank 23	Additive	3,906	No	FR
Tank 95	Additive (out-of-service since 1998)	25,368	No	FR
Tank 96	Slop Tank	11,550	No	FR
O/S #1	Oil/Water Separator	10,000	No	FR
PT #1	Petroleum Contaminated Water	12,000	No	UG
PT #2	Petroleum Contaminated Water	126	No	UG
Tank 2	Fire Protection Water		No	FR
Tank Ev.	Water Evaporation Tank		No	OT

* - Tank currently being modified to remove the internal floating roof to become a fixed roof tank (storing low volatile liquid - jet fuel)

Slop - Mixture of products stored at this facility

IFR - Internal Floating Roof

EFR - External Floating Roof

FR - Fixed Roof

UG - Underground

OT - Open Top (roof)

Based on the permit application received May 23, 2006, this facility is not a major source of hazardous air pollutants (HAPs).



STJ
6/28/06
KCS
6/29/06

Global Marketing



Terry A. Franklin
Terminal Manager

North America Logistics
Chevron Products Company
Panama City Terminal
525 West Beach Drive
Panama City, FL 32401
Tel 850-785-7426 x 29
Fax 850-784-1566
afra@chevron.com

June 28 2006

Ms. Sandra F. Veazey
Air Program Administrator
Florida Department of Environmental Protection
160 Governmental Center
Pensacola, Florida 32502

Subject: Additional Information Request from FDEP on 6/21/06, for Non-Title V Air Permit Renewal Application for the Chevron Panama City Terminal (Permit No. 0050056-011-AF)

Dear Ms. Veazey:

As per your request for additional information on 6/21/06, the Chevron Panama City Terminal is providing the additional information as follows:

Item 1: Please provide justification for modifying Tank 67 (currently permitted under emission unit 002) without obtaining an air construction permit, along with comparison of emissions associated with a change from gasoline to jet fuel.

Response 1: Chevron conducted an API 653 internal inspection of Tank 67 on 12/7/2005 and determined that the aluminum internal floating roof (IFR) was in need of major repair. Based on the condition of the IFR and for safety reasons, the best option was to remove the IFR and convert Tank 67 to the storage of a less volatile product such as jet fuel or diesel fuel. Since this project was seen as a reduction in emissions from the Terminal, it was believed that no permit application was necessary. The emissions comparison below is based on the calendar year 2005 throughput for Tank 67. Tank 67 was in aviation gasoline service before the conversion:

	Aviation Gasoline, Tank 67 with IFR	Jet Fuel, Tank 67 without IFR	Diesel Fuel, Tank 67 without IFR
VOC Emissions From EPA Tanks 4.09d (lbs/year)	3800.98	284.14	233.88

Tank 67 was put in diesel fuel service on 4/1/2006. EPA Tanks 4.09d printouts for the emissions comparisons are attached.

RECEIVED

JUN 28 2006

NORTHWEST FLORIDA
DEP

Item 2: On Page 5 of the application you indicated that comments, associated with maximum heat input rate, were to follow on the next page, but no comments were included. Please provide the additional comments related to Emission Unit 001.

Response 2: The comments were inadvertently left off the permit application. The comments are as follows: "The maximum design inlet gas velocity to the VCU is 24.9 ft/s. The maximum design gas flow into the VCU is 855 SCFM. The minimum Btu content of inlet gas per Chevron's current operating permit is 300 Btu/scf." This comment has been included in Page 5 and has been attached.

We appreciate your assistance in the Chevron Panama City Terminal Air Permit Application process. If you have any questions please contact me at (850) 785-7426.

Sincerely,

A handwritten signature in black ink that reads "Terry Franklin". The signature is written in a cursive, flowing style.

Terry Franklin
Chevron
Panama City Terminal
Terminal Manager

cc: Louis Milkint, Chevron
Sam Najim, P.E., URS Corporation

Emissions Unit ID 001

Emissions Unit Supplemental Requirements

1. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
2. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u>Attachment D</u> _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Previously submitted, Date: _____
3. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
4. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
5. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Emissions Unit Comment

The maximum design inlet gas velocity to the VCU is 24.9 ft/s. The maximum design gas flow into the VCU is 855 scfm. The minimum Btu content of inlet gas per Chevron's current operation permit is 300 Btu/scf.

RECEIVED
JUN 28 2006
NORTHWEST FLORIDA
DEP

TANKS 4.0.9d

Emissions Report - Detail Format Tank Identification and Physical Characteristics

Identification

User Identification: PC-67 Mod
City: Panama City
State: FL
Company: Chevron Products Company
Type of Tank: Vertical Fixed Roof Tank
Description: Tank 67 with out an Internal Floating Roof

Tank Dimensions

Shell Height (ft): 47.81
Diameter (ft): 54.75
Liquid Height (ft) : 43.33
Avg. Liquid Height (ft): 30.00
Volume (gallons): 760,746.00
Turnovers: 6.57
Net Throughput(gal/yr): 4,620,540.00
Is Tank Heated (y/n): N

Paint Characteristics

Shell Color/Shade: White/White
Shell Condition: Good
Roof Color/Shade: White/White
Roof Condition: Good

Roof Characteristics

Type: Cone
Height (ft) 0.11
Slope (ft/ft) (Cone Roof) 0.36

Breather Vent Settings

Vacuum Settings (psig): -0.03
Pressure Settings (psig) 0.03

Meteorological Data used in Emissions Calculations: Apalachicola, Florida (Avg Atmospheric Pressure = 14.73 psia)

TANKS 4.0.9d

Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

PC-67 Mod - Vertical Fixed Roof Tank
Panama City, FL

Components	Losses(lbs)		Total Emissions
	Working Loss	Breathing Loss	
Chevron - Jet Kerosene	162.02	122.12	284.14

TANKS 4.0.9d

Emissions Report - Detail Format
Liquid Contents of Storage Tank

PC-67 Mod - Vertical Fixed Roof Tank
Panama City, FL

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Chevron - Jet Kerosene	All	70.07	65.44	74.70	68.10	0.0113	0.0105	0.0132	130.0000			130.00	Option 1: VP70 = .0113 VP80 = .0154

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

PC-67 Mod - Vertical Fixed Roof Tank
Panama City, FL

Annual Emission Calculations

Standing Losses (lb): 122.1217
 Vapor Space Volume (cu ft): 42,025.5474
 Vapor Density (lb/cu ft): 0.0003
 Vapor Space Expansion Factor: 0.0311
 Vented Vapor Saturation Factor: 0.9894

Tank Vapor Space Volume: 42,025.5474
 Vapor Space Volume (cu ft): 54,7500
 Tank Diameter (ft): 17.8507
 Vapor Space Outage (ft): 47.8125
 Tank Shell Height (ft): 30.0000
 Average Liquid Height (ft): 0.0382
 Roof Outage (ft):

Roof Outage (Cone Roof)
 Roof Outage (ft): 0.0382
 Roof Height (ft): 0.1146
 Roof Slope (ft/ft): 0.3646
 Shell Radius (ft): 27.3750

Vapor Density 0.0003
 Vapor Density (lb/cu ft):
 Vapor Molecular Weight (lb/lb-mole): 130.0000
 Vapor Pressure at Daily Average Liquid Surface Temperature (psia): 0.0113
 Daily Avg. Liquid Surface Temp. (deg. R): 529.7393
 Daily Average Ambient Temp. (deg. F): 68.0792
 Ideal Gas Constant R (psia-cuft / (lb-mol-deg R)): 10.731
 Liquid Bulk Temperature (deg. R): 527.7692
 Tank Paint Solar Absorptance (Shell): 0.1700
 Tank Paint Solar Absorptance (Roof): 0.1700
 Daily Total Solar Insulation Factor (Btu/sqft day): 1,473.5000

Vapor Space Expansion Factor 0.0311
 Vapor Space Expansion Factor:
 Daily Vapor Temperature Range (deg. R): 18.5159
 Daily Vapor Pressure Range (psia): 0.0027
 Breather Vent Press. Setting Range(psia): 0.0600
 Vapor Pressure at Daily Average Liquid Surface Temperature (psia): 0.0113
 Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia): 0.0105
 Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia): 0.0132
 Daily Avg. Liquid Surface Temp. (deg R): 529.7393
 Daily Min. Liquid Surface Temp. (deg R): 525.1103
 Daily Max. Liquid Surface Temp. (deg R): 534.3682
 Daily Ambient Temp. Range (deg. R): 15.9750

Vented Vapor Saturation Factor 0.9894
 Vented Vapor Saturation Factor:
 Vapor Pressure at Daily Average Liquid Surface Temperature (psia): 0.0113
 Vapor Space Outage (ft): 17.8507

Working Losses (lb): 162.0151
Vapor Molecular Weight (lb/lb-mole): 130.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia): 0.0113
Annual Net Throughput (gall/yr.): 4,620,540.0000
Annual Turnovers: 6.5726
Turnover Factor: 1.0000
Maximum Liquid Volume (gal): 760,746.0000
Maximum Liquid Height (ft): 43.3300
Tank Diameter (ft): 54.7500
Working Loss Product Factor: 1.0000

Total Losses (lb): 284,1369

TANKS 4.0.9d

Emissions Report - Detail Format

Tank Identification and Physical Characteristics

Identification

User Identification: PC-67
 City: Panama City
 State: FL
 Company: Chevron Products Company
 Type of Tank: Internal Floating Roof Tank
 Description:

Tank Dimensions

Diameter (ft): 54.80
 Volume (gallons): 699,552.00
 Turnovers: 6.56
 Self Supp. Roof? (y/n): Y
 No. of Columns: 0.00
 Eff. Col. Diam. (ft): 0.00

Paint Characteristics

Internal Shell Condition: Light Rust
 Shell Color/Shade: White/White
 Shell Condition: Good
 Roof Color/Shade: White/White
 Roof Condition: Good

Rim-Seal System

Primary Seal: Vapor-mounted
 Secondary Seal: None

Deck Characteristics

Deck Fitting Category: Detail
 Deck Type: Bolted
 Construction: Sheet
 Deck Seam: Sheet: 5 Ft Wide
 Deck Seam Len. (ft): 472.00

Deck Fitting/Status

- Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed
- Automatic Gauge Float Well/Unbolted Cover, Ungasketed
- Roof Leg or Hanger Well/Adjustable
- Stub Drain (1-in. Diameter)/Adjustable
- Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.
- Unslotted Guide-Pole Well/Ungasketed Sliding Cover

Quantity

- 1
- 1
- 16
- 25
- 1
- 1

Meteorological Data used in Emissions Calculations: Apalachicola, Florida (Avg Atmospheric Pressure = 14.73 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

PC-67 - Internal Floating Roof Tank
Panama City, FL

Mixture/Component	Month	Daily Liquid Surf Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)		Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg	Min.	Max.		Min.	Max.					
Aviation Gasoline	All	70.07	65.44	74.70	68.10	4.1490	N/A	N/A	66.0000		66.00	Option 4: RVP=6.9, ASTM Slope=2.6

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

PC-67 - Internal Floating Roof Tank
Panama City, FL

Annual Emission Calculations

Rim Seal Losses (lb):									
Seal Factor A (lb-mole/ft-yr):									1,999.3128
Seal Factor B (lb-mole/ft-yr (mph) ^{1.75}):									6.7000
Value of Vapor Pressure Function:									0.2000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):									0.0825
Tank Diameter (ft):									4,1490
Vapor Molecular Weight (lb/lb-mole):									54.8000
Product Factor:									66.0000
Product Factor:									1.0000
Withdrawal Losses (lb):									17.0379
Number of Columns:									0.0000
Effective Column Diameter (ft):									0.0000
Annual Net Throughput (gal/yr):									4,820,540.0000
Shell Clingage Factor (lb/l ^{1.0000} sqft):									0.0015
Average Organic Liquid Density (lb/gal):									6.0000
Tank Diameter (ft):									54.8000
Deck Fitting Losses (lb):									1,326.4859
Value of Vapor Pressure Function:									0.0825
Vapor Molecular Weight (lb/lb-mole):									66.0000
Product Factor:									1.0000
Tot. Roof Fitting Loss Fact.(lb-mole/yr):									243.6000
Deck Seam Losses (lb):									458.1481
Deck Seam Length (ft):									472.0000
Deck Seam Loss per Unit Length Factor (lb-mole/ft-yr):									0.1400
Deck Seam Length Factor(ft/sqrt):									0.2001
Tank Diameter (ft):									54.8000
Vapor Molecular Weight (lb/lb-mole):									66.0000
Product Factor:									1.0000
Total Losses (lb):									3,800.9945
Roof Fitting/Status	Quantity	KFa(lb-mole/yr)	Roof Fitting Loss Factors KFB(lb-mole/yr mph ^{1.75})	m	Losses(lb)				
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1	36.00	5.90	1.20	196.0324				
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1	14.00	5.40	1.10	76.2348				
Roof Leg or Hanger Well/Adjustable	16	7.90	0.00	0.00	688.2915				
Stub Drain (1-in. Diameter)	25	1.20	0.00	0.00	163.3603				
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1	6.20	1.20	0.94	33.7611				
Unstitched Guide-Pole Well/Ungasketed Sliding Cover	1	31.00	150.00	1.40	168.8057				

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

PC-67 - Internal Floating Roof Tank
Panama City, FL

Components	Losses (lbs)					Total Emissions
	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss		
Aviation Gasoline	1,999.31	17.04	1,326.49	458.15	3,800.99	

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Identification and Physical Characteristics

Identification

User Identification: PC-67 Mod
 City: Panama City
 State: FL
 Company: Chevron Products Company
 Type of Tank: Vertical Fixed Roof Tank
 Description: Tank 67 with out an Internal Floating Roof

Tank Dimensions

Shell Height (ft): 47.81
 Diameter (ft): 54.75
 Liquid Height (ft) : 43.33
 Avg. Liquid Height (ft): 30.00
 Volume (gallons): 760,746.00
 Turnovers: 6.57
 Net Throughput(gal/yr): 4,620,540.00
 Is Tank Heated (Y/N): N

Paint Characteristics

Shell Color/Shade: White/White
 Shell Condition: Good
 Roof Color/Shade: White/White
 Roof Condition: Good

Roof Characteristics

Type: Cone
 Height (ft) 0.11
 Slope (#/ft) (Cone Roof) 0.36

Breather Vent Settings

Vacuum Settings (psig): -0.03
 Pressure Settings (psig) 0.03

Meteorological Data used in Emissions Calculations: Apalachicola, Florida (Avg Atmospheric Pressure = 14.73 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

PC-67 Mod - Vertical Fixed Roof Tank
Panama City, FL

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Chevron - Diesel	All	70.07	65.44	74.70	68.10	0.0093	0.0087	0.0108	130.0000			130.00	Option 1: VP70 = .0093 VP80 = .0125

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

PC-67 Mod - Vertical Fixed Roof Tank
Panama City, FL

Annual Emission Calculations

Standing Losses (lb):	100.5618
Vapor Space Volume (cu ft):	42,025.5474
Vapor Density (lb/cu ft):	0.0002
Vapor Space Expansion Factor:	0.0310
Vented Vapor Saturation Factor:	0.9913
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	42,025.5474
Tank Diameter (ft):	54.7500
Vapor Space Outage (ft):	17.8507
Tank Shell Height (ft):	47.8125
Average Liquid Height (ft):	30.0000
Roof Outage (ft):	0.0382
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0382
Roof Height (ft):	0.146
Roof Slope (ft/ft):	0.3646
Shell Radius (ft):	27.3750
Vapor Density	
Vapor Density (lb/cu ft):	0.0002
Vapor Molecular Weight (lb/lb-mole):	130.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.0093
Daily Avg. Liquid Surface Temp. (deg. R):	529.7393
Daily Average Ambient Temp. (deg. F):	68.0792
Ideal Gas Constant R (psia-cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	527.7692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insolation Factor (Btu/sqft-day):	1,473.5000
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0310
Daily Vapor Temperature Range (deg. R):	18.5159
Daily Vapor Pressure Range (psia):	0.0021
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.0093
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.0087
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.0108
Daily Avg. Liquid Surface Temp. (deg R):	529.7393
Daily Min. Liquid Surface Temp. (deg R):	523.1103
Daily Max. Liquid Surface Temp. (deg R):	534.3682
Daily Ambient Temp. Range (deg. R):	15.9750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9913
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.0093
Vapor Space Outage (ft):	17.8507

Working Losses (lb): 133.3226
Vapor Molecular Weight (lb/lb-mole): 130.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia): 0.0093
Annual Net Throughput (gal/yr.): 4,620,940.0000
Annual Turnovers: 6.5726
Turnover Factor: 1.0000
Maximum Liquid Volume (gal): 760,746.0000
Maximum Liquid Height (ft): 43.3300
Tank Diameter (ft): 54.7500
Working Loss Product Factor: 1.0000

Total Losses (lb): 233.8844

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

PC-67 Mod - Vertical Fixed Roof Tank
Panama City, FL

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Chevron - Diesel	133.32	100.56	233.88



Department of Environmental Protection

Jeb Bush
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32502

Colleen Castille
Secretary

June 21, 2006

BY ELECTRONIC MAIL
afra@chevrontexaco.com

Mr. Terry Franklin
Panama City Terminal Manager
Chevron Products Company
525 West Beach Drive
Panama City, Florida 32401

Dear Mr. Franklin:

This is to acknowledge receipt of your application, file number 0050056-012-AO, for renewal of the Panama City Terminal's operating permit. This letter constitutes notice that a permit will be required for your project pursuant to Chapter 403, Florida Statutes.

Your application for permit is incomplete. Please provide the information listed below. Evaluation of your proposed project will be delayed until all requested information has been received.

- Please provide justification for modifying Tank 67 (currently permitted under emission unit 002) without obtaining an air construction permit, along with comparison of emissions associated with a change from gasoline to jet fuel.
- On Page 5 of the application you indicated that comments, associated with maximum heat input rate, were to follow on the next page, but no comments were included. Please provide the additional comments related to Emission Unit 001.

If you have any questions, please contact Angelia Jackson at 850/595-8300, extension 1231 or angelia.jackson@dep.state.fl.us.

Sincerely,

Sandra F. Veazey
Air Program Administrator

SFV:ajc

cc: Louis Milkint, Chevron (lmilkint@chevrontexaco.com)
DEP NWD Branch Office, Panama City