#### **Emissions Report - Summary Format TANKS 4.0.9d**

Tank Indentification and Physical Characteristics

ification		
Jser Identification:	Petro 49 Douglas Tank #1	
Xitv:	Juneau	

Deck Fitting/Status  Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed Automatic Gauge Float Well/Unbolted Cover, Ungasketed Column Well (24-in. Diam.)/Built-Up ColSliding Cover, Ungask. Ladder Well (36-in. Diam.)/Sliding Cover, Ungasketed Roof Leg or Hanger Well/Adjustable Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open Stub Drain (1-in. Diameter)/Slit Fabric Seal 10% Open Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	Deck Characteristics  Deck Fitting Category: Deck Type: Construction: Deck Seam: Deck Seam Len. (ft):	Rim-Seal System Primary Seal: Secondary Seal	Paint Characteristics Internal Shell Condition: Shell Color/Shade: Shell Condition Roof Color/Shade: Roof Condition:	Tank Dimensions Diameter (ft): Volume (gallons): Turnovers: Self Supp. Roof? (y/n): No. of Columns: Eff. Col. Diam. (ft):	Identification User Identification: City: State: Company: Company: Type of Tank: Description:
over, Ungasketed over, Ungasketed -Sliding Cover, Ungask. , Ungasketed abric Seal 10% Open sal 10% Open sal 10% Open sal 10% Open	Typical Bolted Panel Panel: 5 x 7.5 Ft 265.40	Vapor-mounted Rim-mounted	Light Rust Gray/Light Good Gray/Light Good	32.00 8,293,255.00 0.49 N 1.00 0.70	Petro 49 Douglas Tank #1 Juneau Alaska Petro 49, Inc. Internal Floating Roof Tank Douglas Terminal IFR Tank #1 at prorated ORL Gasoline Throughput
	•				
Quantity					
10 10 10 10 10 10 10 10 10 10 10 10 10 1					

## Petro 49 Douglas Tank #1 - Internal Floating Roof Tank Juneau, Alaska

Gasoline (RVP 11.5)	Mixture/Component			
A	Month			
44.71	Avg.	Ter	D	
39.82	Avg. Min.	Temperature (deg F)	aily Liquid S	
49.59	Max.	eg F)	un.	
42.78	(deg F)	Temp	Bulk	Liquid
4.4914 N/A	Avg.	Vapo		
N/A	Min.	'apor Pressure (psia)		
N/A	Max.	(psia)		
	Weight.	Mol.	Vapor	
	Fract.	Mass	Liquid	
	Fract.	Mass	Vapor	
92.00	Weight	Mol.		
Option 4: RVP=11.5, ASTM Slope=3	Calculations	Basis for Vapor Pressure		

## Emissions Report - Summary Format Individual Tank Emission Totals

**Emissions Report for: Annual** 

Petro 49 Douglas Tank #1 - Internal Floating Roof Tank Juneau, Alaska

2,393.60	281.12	1,669.80	24.34	418.34	Gasoline (RVP 11.5)
Total Emissions	Deck Seam Loss	Deck Fitting Loss	Withdrawl Loss	Rim Seal Loss	Components
		Losses(lbs)			

## TANKS 4.0.9d Emissions Report - Summary Format

# Tank Indentification and Physical Characteristics

Deck Fitting/Status  Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed Automatic Gauge Float Well/Unbolted Cover, Ungasketed Column Well (24-in. Diam.)/Built-Up ColSliding Cover, Ungask. Ladder Well (36-in. Diam.)/Sliding Cover, Ungasketed Roof Leg or Hanger Well/Adjustable Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open Stub Drain (1-in. Diameter)/Slit Fabric Seal 10% Open Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask	Deck Characteristics Deck Fitting Category: Deck Type: Construction: Deck Seam: Deck Seam Len. (ft):	Rim-Seal System Primary Seal: Secondary Seal	Paint Characteristics Internal Shell Condition: Shell Color/Shade: Shell Color/Shade: Roof Color/Shade: Roof Condition:	Tank Dimensions Diameter (ft): Volume (gallons): Turnovers: Self Supp. Roof? (y/n): No. of Columns: Eff. Col. Diam. (ft):	Identification User Identification: City: State: Company: Type of Tank: Description:
Cover, Ungasketed Cover, Ungasketed L-Sliding Cover, Ungask. sr, Ungasketed Fabric Seal 10% Open Seal 10% Open Seal 10% Open Seal 10% Open	Typical Bolted Panel Panel: 5 x 7.5 Ft 149.29	Vapor-mounted Rim-mounted	Light Rust Gray/Light Good Gray/Light Good	24.00 101,514.00 10.75 N 1.00 0.70	Petro 49 Juneau Tank #2 Juneau Alaska Petro 49, Inc. Internal Floating Roof Tank Juneau Tank #2 at prorated ORL Based Gasoline Throughput

Quantity

-0-0---

## Petro 49 Juneau Tank #2 - Internal Floating Roof Tank Juneau, Alaska

Gasoline (RVP 11.5)	Mixture/Component			
All	Month			
44.71	Avg.	Ten	0	
39.82	Min. Max.	Temperature (deg F)	aily Liquid Si	
49.59	Max.	eg F)	III.	
42.78	(deg F)	Temp	Bulk	Liquid
4.4914	Avg.	Vapor		
N/A	Min.	Vapor Pressure (psia)		
N/A	Min. Max.	(psia)		
65.0000	Weight.	Mol.	Vapor	
	Fract.	Mass	Liquid	
	Fract.	Mass	Vapor	
92.00	Weight	Mol.		
Option 4: RVP=11.5, ASTM Slope=3	Calculations	Basis for Vapor Pressure		

## Emissions Report - Summary Format Individual Tank Emission Totals

**Emissions Report for: Annual** 

Petro 49 Juneau Tank #2 - Internal Floating Roof Tank Juneau, Alaska

2,075.04	158.13	1,594.33	8.82	313.76	Gasoline (RVP 11.5)
Total Emissions	Deck Seam Loss	Deck Fitting Loss	Withdrawl Loss	Rim Seal Loss	Components
		Losses(lbs)			

## TANKS 4.0.9d Emissions Report - Summary Format

# Emissions Report - Summary Format Tank Indentification and Physical Characteristics

Deck Fitting/Status  Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed Automatic Gauge Float Well/Unbolted Cover, Ungasketed Column Well (24-in. Diam.)/Built-Up ColSliding Cover, Ungask. Ladder Well (36-in. Diam.)/Sliding Cover, Ungasketed Roof Leg or Hanger Well/Adjustable Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open Stub Drain (1-in. Diameter)/Slit Fabric Seal 10% Open Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	Deck Characteristics Deck Fitting Category: Deck Type: Construction: Deck Seam: Deck Seam Len. (ft):	Rim-Seal System Primary Seal: Secondary Seal	Paint Characteristics Internal Shell Condition: Shell Color/Shade: Shell Condition Roof Color/Shade: Roof Condition:	Tank Dimensions Diameter (ft): Volume (gallons): Turnovers: Self Supp. Roof? (y/n): No. of Columns: Eff. Col. Diam. (ft):	Identification User Identification: City: State: Company: Type of Tank: Description:
ver, Ungasketed ver, Ungasketed Sliding Cover, Ungask. Ungasketed Ungasketed abric Seal 10% Open sal 10% Open Mech. Actuation, Gask.	Typical Bolted Panel Panel: 5 x 7.5 Ft 149.29	Vapor-mounted Rim-mounted	Light Rust Gray/Light Good Gray/Light Good	24.00 101,514.00 10.75 N 1.00 0.70	Petro 49 Juneau Tank #3 Juneau Alaska Petro 49, Inc. Internal Floating Roof Tank Juneau Tank #3 at prorated ORL Based Gasoline Throughput

Quantity

## Petro 49 Juneau Tank #3 - Internal Floating Roof Tank Juneau, Alaska

Gasoline (RVP 11.5) All	Mixture/Component N			
_	Month			
44.71	Avg.	Tem	Da	
39.82	Min.	Temperature (deg F)	ily Liquid Su	
49.59	Max.	g F)	.⊒.	
42.78	(deg F)	Temp	Bulk	Liquid
4.4914	Avg.	Vapor		
N/A	Min.	apor Pressure		
N/A	Max.	e (psia)		
65.0000	Weight.	Mol.	Vapor	
	Fract.	Mass	Liquid	
	Fract.	Mass	Vapor	
92.00	Weight	Mol.		
Option 4: RVP=11.5, ASTM Slope=3	Calculations	Basis for Vapor Pressure		

## Emissions Report - Summary Format Individual Tank Emission Totals

**Emissions Report for: Annual** 

Petro 49 Juneau Tank #3 - Internal Floating Roof Tank Juneau, Alaska

			Losses(lbs)		
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Gasoline (RVP 11.5)	313.76	8.82	1,594.33	158.13	2,075.04
	the second se	er entertellen. Omstellen find im Granden i Sandahannen in der stellen in der stellen der stellen in der stelle in der s			

page 6 4 blank

# TANKS 4.0.9d Emissions Report - Summary Format Tank Indentification and Physical Characteristics

Deck Fitting/Status  Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed Automatic Gauge Float Well/Unbolted Cover, Ungasketed Column Well (24-in. Diam.)/Built-Up ColSliding Cover, Ungask. Ladder Well (36-in. Diam.)/Sliding Cover, Ungasketed Roof Leg or Hanger Well/Adjustable Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open Stub Drain (1-in. Diameter)/Slit Fabric Seal 10% Open Stub Brain (10-in. Diam.)/Weighted Mech. Actuation, Gask.	Deck Characteristics Deck Fitting Category: Deck Type: Construction: Deck Seam: Deck Seam Len. (ft):	Rim-Seal System Primary Seal: Secondary Seal	Paint Characteristics Internal Shell Condition: Shell Color/Shade: Shell Condition Roof Color/Shade: Roof Condition:	Tank Dimensions Diameter (ft): Volume (gallons): Turnovers: Self Supp. Roof? (y/n): No. of Columns: Eff. Col. Diam. (ft):	Identification User Identification: City: State: Company: Type of Tank: Description:
over, Ungasketed over, Ungasketed relations over, Ungasketed relations Cover, Ungasketed relations Cover, Ungasketed relations over relations	Typical Bolted Panel Panel: 5 x 7.5 Ft 103.67	Vapor-mounted Rim-mounted	Light Rust Gray/Light Good Gray/Light Good	20.00 98,700.00 10.75 N 1.00 0.70	Petro 49 Juneau Tank #4 Juneau Alaska Petro 49, Inc. Internal Floating Roof Tank Juneau Tank #4 at proratd ORL Based Gasoline Throughput

Quantity

## Petro 49 Juneau Tank #4 - Internal Floating Roof Tank Juneau, Alaska

Gasoline (RVP 11.5)	Mixture/Component			
All	Month			
44.71	Avg.	Ter	<b>D</b>	
39.82	Min.	nperature (di	Daily Liquid Surf.	
49.59	Max.	eg F)	in,	
42.78	(deg F)	Temp	Eulk Bulk	
4.4914	Avg.	Vapo		
N/A	Min.	r Pressure		
N/A	Max.	(psia)		
65.0000	Weight.	Mol.	Vapor	
	Fract.	Mass	Liquid	
	Fract.	Mass	Vapor	
92.00	Weight	Mol.		
Option 4: RVP=11.5, ASTM Slope=3	Calculations	Basis for Vapor Pressure		

## Emissions Report - Summary Format Individual Tank Emission Totals

**Emissions Report for: Annual** 

Petro 49 Juneau Tank #4 - Internal Floating Roof Tank Juneau, Alaska

			Losses(lbs)		
Components	Rim Seal Loss	Withdrawl Loss	Deck Fitting Loss	Deck Seam Loss	Total Emissions
Gasoline (RVP 11.5)	261.46	10.35	1,540.25	109.81	1,921.88

page bis blank

# TANKS 4.0.9d Emissions Report - Summary Format Tank Indentification and Physical Characteristics

Deck Fitting/Status  Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed Automatic Gauge Float Well/Unbolted Cover, Ungasketed Column Well (24-in. Diam.)/Built-Up ColSliding Cover, Ungask. Ladder Well (36-in. Diam.)/Sliding Cover, Ungasketed Roof Leg or Hanger Well/Adjustable Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open Stub Drain (1-in. Diameter)/Slit Fabric Seal 10% Open Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	Deck Characteristics  Deck Fitting Category:  Deck Type:  Construction:  Deck Seam:  Deck Seam Len. (ft):	Rim-Seal System Primary Seal: Secondary Seal	Paint Characteristics Internal Shell Condition: Shell Color/Shade: Shell Condition Roof Color/Shade: Roof Color/Shade:	Tank Dimensions Diameter (ft): Volume (gallons): Turnovers: Self Supp. Roof? (y/n): No. of Columns: Eff. Col. Diam. (ft):	Identification User Identification: City: State: Company: Type of Tank: Description:
Auer, Ungasketed 1 2. Sliding Cover, Ungask. 2. Ungasketed 3. Ungasketed 4. Ungasketed 4. Ungasketed 5. Ungasketed 6. Ungasketed	Typical Bolted Panel Panel: 5 x 7.5 Ft 414.69	Vapor-mounted Rim-mounted	Light Rust Gray/Light Good Gray/Light Good	40.00 375,984.00 10.75 N 1.00 0.70	Petro 49 Juneau Tank #6 Juneau Alaska Petro 49, Inc. Internal Floating Roof Tank Juneau Tank #6 at prorated ORL Limit Gasoline Throughput

## Petro 49 Juneau Tank #6 - Internal Floating Roof Tank Juneau, Alaska

Gasoline (RVP 11.5)	Mixture/Component		
All	Month		
44.71	Avg.	Ter	0
44.71 39.82	Min.	Temperature (deg F)	aily Liquid Sı
49.59	Max.	eg F)	Ħ,
42.78	(deg F)	Temp	Liquid Bulk
4.4914	Avg.	Vapo	
N/A	Min.	Vapor Pressure (psia)	
N/A	Max.	(psia)	
- 3	Weight.	Mol.	Vapor
	Fract.	Mass	Liquid
	Fract.	Mass	Vapor
92.00	Weight	Mol.	
Option 4: RVP=11.5, ASTM Slope=3	Calculations	Basis for Vapor Pressure	

## Emissions Report - Summary Format Individual Tank Emission Totals

### **Emissions Report for: Annual**

Petro 49 Juneau Tank #6 - Internal Floating Roof Tank Juneau, Alaska

2,773.78	439.26	1,792.21	19.39	522.93	Gasoline (RVP 11.5)
Total Emissions	Deck Seam Loss	Deck Fitting Loss	Withdrawl Loss	Rim Seal Loss	Components
		Losses(lbs)			
		The second designation of the second			