

**SMTV FER/EIS Emissions Report (201717) for 2010**  
**Kinder Morgan Liquids Terminal - Queen City Terminals**  
**1431072036**  
**April 14, 2011**

# 2010 Emissions Summary Report : 201717

Oct 11 2011, 10:16:59

**- Report Data**

Report Category: SMTV

Submitted Date: 04/14/2011

Reporting Year: 2010

Approved Date 04/18/2011

Reporting State Approved

**- Reports Included**

FER: X

ES:

EIS: X

**- Facility Emissions**

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs
SO2 - Sulfur Dioxide	SO2	X	0.	0.	0.	TONs
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs
Organic Compounds	OC	X	9.853	0.	9.853	TONs
Pb - Lead	7439921	X	0.	0.	0.	TONs
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.	0.	TONs
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.	0.	TONs
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.	0.	TONs
VOC - Volatile Organic Compounds	VOC		0.	0.	0.	TONs
Ammonia	NH3		0.	0.	0.	TONs
CO - Carbon Monoxide	CO		0.	0.	0.	TONs
Total of Chargable Pollutants					9.853	TONS

**- Attachments**

Description	Type	Public Document	Trade Secret Document	Trade secret Justification

**- Notes**

User Name	Date	Note

## Emission Units Without Detailed Emissions

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Emission Unit	Why Excluded	Company Equipment ID
B001	Exemption Status = De minimis	BOILERS #1-175,#2-175 & #3-800
T001	Less Than Reporting Requirement	Storage Tank - T6
T002	Less Than Reporting Requirement	Storage Tank - T2
T005	Exemption Status = De minimis	Storage Tank - T5
T006	Less Than Reporting Requirement	Storage Tank - T1
T007	Less Than Reporting Requirement	Storage Tank - T7
T008	Less Than Reporting Requirement	Storage Tank - T8
T009	Exemption Status = De minimis	Storage Tank - T9
T010	Exemption Status = De minimis	Storage Tank - E: Ethylene Glycol
T011	Less Than Reporting Requirement	Storage Tank - T11
T012	Less Than Reporting Requirement	Storage Tank - T12
T013	Less Than Reporting Requirement	Storage Tank - T13
T014	Less Than Reporting Requirement	Storage Tank - TK
T015	Less Than Reporting Requirement	Storage Tank - T10
T016	Exemption Status = De minimis	Storage Tank - TA
T017	Exemption Status = De minimis	Storage Tank - TB
T018	Exemption Status = De minimis	Storage Tank - TC
T019	Exemption Status = De minimis	Storage Tank - TD
T020	Less Than Reporting Requirement	Storage Tank - T15
T021	Less Than Reporting Requirement	Storage Tank - T16
T023	Exemption Status = De minimis	Storage Tank - TJ
T024	Less Than Reporting Requirement	Storage Tank - TL
T025	Exemption Status = Permit Exempt	Storage Tank M
T026	Exemption Status = Permit Exempt	Storage Tank N
T027	Exemption Status = De minimis	Storage Tank - F
T028	Less Than Reporting Requirement	Storage Tank - T14
T029	Less Than Reporting Requirement	Storage Tank - T17
T030	Less Than Reporting Requirement	Storage Tank - T18

T031	Exemption Status = De minimis	Storage Tank - T19
T032	Exemption Status = De minimis	Storage Tank - T20
T033	Less Than Reporting Requirement	Storage Tank - T21
T034	Exemption Status = De minimis	Storage Tank - T22
T035	Exemption Status = De minimis	Storage Tank - T23
T037	Less Than Reporting Requirement	Storage Tank - T24

**Report Pollutant Summary: Total Emissions (Tons)**

Unit	SCC Id	PM-CON	SO2	NOX	OC	7439921	PM-FIL	PM10-FIL	PM25-FIL	VOC	NH3	CO
J001	4-08-999-99	0.	0.	0.	6.49	0.	0.	0.	0.	0.	0.	0.
T038	4-07-146-97	0.	0.	0.	1.638	0.	0.	0.	0.	0.	0.	0.
T038	4-07-146-98	0.	0.	0.	1.725	0.	0.	0.	0.	0.	0.	0.
<b>Total</b>		0.	0.	0.	9.853	0.	0.	0.	0.	0.	0.	0.

## Emission Unit Summary: J001

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Emissions Unit ID: J001

Detailed Reporting

DAPC Description:

### - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0	0	0.	TONs	
Organic Compounds	OC	X	6.49	0	6.49	TONs	
Pb - Lead	7439921	X	0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0	0	0.	TONs	
Ammonia	NH3		0	0	0.	TONs	
CO - Carbon Monoxide	CO		0	0	0.	TONs	
<b>Total of Chargable Pollutants</b>					<b>6.49</b>	TONS	

### - Processes

#### - Process & Emissions Detail

Name: J001 Emissions

Source Classification Code (SCC): 4-08-999-99

#### - Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 12

Days Per Week: 6

Weeks Per Year: 52

Hours Per Year: 3744

Winter (Dec - Feb)%: 10

Spring (March-May)%: 25

Summer (June-Aug)%: 42

Fall (Sept-Nov)%: 23

Material	Material Action	Throughput	X Units
Liquid	Transferred	44036.5	1000 GALLONS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			6.49	0	6.49	TONs	
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0	0.	TONs	

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
Total of Chargable Pollutants							6.49	TONS	

# Emission Unit Summary: T038

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Emissions Unit ID: T038

Detailed Reporting

DAPC Description:

## - Unit Emissions

Pollutant	Code	\$	Fugitive Amount	Stack Amount	Total	Units	QA+
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON		0.	0.	0.	TONs	
SO2 - Sulfur Dioxide	SO2	X	0.	0.	0.	TONs	
NOx - Nitrogen Oxides	NOX	X	0.	0.	0.	TONs	
Organic Compounds	OC	X	3.363	0.	3.363	TONs	
Pb - Lead	7439921	X	0.	0.	0.	TONs	
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	0.	0.	0.	TONs	
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		0.	0.	0.	TONs	
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		0.	0.	0.	TONs	
VOC - Volatile Organic Compounds	VOC		0.	0.	0.	TONs	
Ammonia	NH3		0.	0.	0.	TONs	
CO - Carbon Monoxide	CO		0.	0.	0.	TONs	
Total of Chargable Pollutants					3.363	TONS	

## - Processes

### - Process & Emissions Detail

Name: T038 Standing

Source Classification Code (SCC): 4-07-146-97

### - Material Information, Annual Average Operating Schedule & Throughput Percent

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 18

Spring (March-May)%: 15

Summer (June-Aug)%: 33

Fall (Sept-Nov)%: 34

Material	Material Action	Throughput	X Units
Liquid	Storage Capacity	3,889.504	1000 GALLON-YEARS

- **Process Emissions**

Pollutant	Code	\$ Method Used	Hours UnCont	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
NOx - Nitrogen Oxides	NOX	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
Organic Compounds	OC	X emissions: ENG. JUDGEMENT			1.638	0	1.638	TONs	Tanks 4.0
Pb - Lead	7439921	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL	emissions: ENG. JUDGEMENT			0	0	0.	TONs	
VOC - Volatile Organic Compounds	VOC	emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0

Ammonia	NH3	emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
CO - Carbon Monoxide	CO	emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
Total of Chargable Pollutants							1.638	TONS	

- **Process & Emissions Detail**

Name: T038 Working

Source Classification Code (SCC): 4-07-146-98

- **Material Information, Annual Average Operating Schedule & Throughput Percent**

Schedule Trade Secret:

Hours Per Day: 24

Days Per Week: 7

Weeks Per Year: 52

Hours Per Year: 8760

Winter (Dec - Feb)%: 18

Spring (March-May)%: 15

Summer (June-Aug)%: 33

Fall (Sept-Nov)%: 34

Material	Material Action	Throughput	X Units
Liquid	Throughput	3,889.504	1000 GALLONS

- **Process Emissions**

Pollutant	Code	Method Used	Hours UnCont.	UnCont. Factor (LBS/X)	Fugitive Amount	Stack Amount	Total	Units	Explanation
PE (Cond) - Primary PM Condensable Portion Only (All Less than 1 Micron)	PM-CON	emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
SO2 - Sulfur Dioxide	SO2	X emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0

NOx - Nitrogen Oxides	NOX	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
Organic Compounds	OC	X	emissions: ENG. JUDGEMENT			1.725	0	1.725	TONs	Tanks 4.0
Pb - Lead	7439921	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
PE (Filt) - Primary PM, Filterable Portion Only	PM-FIL	X	emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
PM10 (Filt) - Primary PM10, Filterable Portion Only	PM10-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
PM2.5 (FILT) - Primary PM2.5, Filterable Portion Only	PM25-FIL		emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
VOC - Volatile Organic Compounds	VOC		emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
Ammonia	NH3		emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
CO - Carbon Monoxide	CO		emissions: ENG. JUDGEMENT			0	0	0.	TONs	Tanks 4.0
Total of Chargable Pollutants								1.725	TONS	