# **Section 1. Registration Information**

#### Source Identification

Facility Name: Oxy Vinyls, LP - La Porte VCM Plant Parent Company #1 Name: Occidental Petroleum Corporation

Submission Type: Corrections
Receipt Date: February 2009
Status: Deregistered
Deregistration Effective Date: June 2009

**Facility Identification** 

Facility ID: 1000 0007 9489

**Dun and Bradstreet Numbers (DUNS)** 

Facility DUNS: 149964819

**Facility Location Address** 

Street 1: 2400 Miller Cut-Off Road

 Street 2:
 N/A

 City:
 La Porte

 State:
 TX

 ZIP:
 77571

 ZIP4:
 9759

 County:
 Harris

Facility Latitude and Longitude

Latitude (decimal): 29.725833 Longitude (decimal): -095.077777

Local Emergency Planning Committee and Regulations

LEPC: La Porte Area LEPC

OSHA PSM: Yes
EPCRA 302: Yes
CAA Title V: Yes

Facility Name: Oxy Vinyls, LP - La Porte VCM Plant

EPA Facility Identifier: 1000 0007 9489 Plan Sequence Number: 53766

#### **Process Chemicals**

Program Level: Program Level 3 process
Chemical Name: Ethyl chloride [Ethane, chloro-]

CAS Number: 75-00-3
Flammable/Toxic: Flammable

Program Level: Program Level 3 process

Chemical Name: Chloroform [Methane, trichloro-]

CAS Number: 67-66-3 Flammable/Toxic: Toxic

Program Level: Program Level 3 process

Chemical Name: Hydrogen chloride (anhydrous)

[Hydrochloric acid]

CAS Number: 7647-01-0 Flammable/Toxic: Toxic

Program Level: Program Level 3 process
Chemical Name: Ammonia (anhydrous)

CAS Number: 7664-41-7 Flammable/Toxic: Toxic

Program Level: Program Level 3 process

Chemical Name: Chlorine
CAS Number: 7782-50-5
Flammable/Toxic: Toxic

Program Level: Program Level 3 process
Chemical Name: Vinyl chloride [Ethene, chloro-]

CAS Number: 75-01-4 Flammable/Toxic: Flammable

Program Level: Program Level 3 process
Chemical Name: Propylene [1-Propene]

CAS Number: 115-07-1 Flammable/Toxic: Flammable

### **Process NAICS**

NAICS Code: 325199

NAICS Description: All Other Basic Organic Chemical

Manufacturing

# **Section 6. Accident History**

## Accident History ID: Accident 1

Date of Accident:

Time Accident Began (HH:MM):

NAICS Code of Process Involved:

325199

NAICS Description: All Other Basic Organic Chemical

Manufacturing

Release Duration: 006 Hours 36 Minutes

#### Release Event

Gas Release:N/ALiquid Spill/Evaporation:N/AFire:YesExplosion:N/AUncontrolled/Runaway Reaction:N/A

## Release Source

Storage Vessel: N/A Piping: Yes Process Vessel: N/A Transfer Hose: N/A Valve: N/A Pump: N/A Joint: N/A Other Release Source: N/A

### Weather Conditions at the Time of Event

Wind Speed: 5.0
Units: Miles/h
Direction: S
Temperature: 79
Atmospheric Stability Class: C
Precipitation Present: Yes
Unknown Weather Conditions: N/A

**On-Site Impacts** 

Employee or Contractor Deaths:0Public Responder Deaths:0Public Deaths:0Employee or Contractor Injuries:0Public Responder Injuries:0Public Injuries:0

On-Site Property Damage (\$): 650000

**Known Off-Site Impacts** 

Deaths: 0
Hospitalizations: 0
Public Deaths: 0
Other Medical Treatments: 0
Evacuated: 0
Sheltered-in-Place: 0
Off-Site Property Damage (\$): 0

**Environmental Damage** 

Fish or Animal Kills:

Tree, Lawn, Shrub, or Crop Damage:

N/A

Water Contamination:

N/A

Soil Contamination:

N/A

Other Environmental Damage:

N/A

**Initiating Event** 

Initiating Event:

**Equipment Failure** 

**Contributing Factors** 

**Equipment Failure:** N/A Human Error: N/A Improper Procedures: N/A Overpressurization: N/A **Upset Condition:** N/A By-Pass Condition: N/A Maintenance Activity/Inactivity: Yes Process Design Failure: N/A Unsuitable Equipment: N/A Unusual Weather Condition: N/A Management Error: N/A Other Contributing Factor: N/A

Off-Site Responders Notified

Off-Site Responders Notified: Notified Only

Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment: N/A Revised Maintenance: Yes Revised Training: N/A Revised Operating Procedures: Yes New Process Controls: N/A New Mitigation Systems: N/A Revised Emergency Response Plan: N/A Changed Process: N/A Reduced Inventory: N/A N/A None: Other Changes Introduced: N/A

Chemicals in Accident History

Quantity Released (lbs): 11751
Percent Weight: 100

Chemical Name: Hydrogen chloride (anhydrous)

[Hydrochloric acid]

CAS Number: 7647-01-0 Flammable/Toxic: Toxic

Quantity Released (lbs): 2
Percent Weight: 100

Chemical Name: Vinyl chloride [Ethene, chloro-]

CAS Number: 75-01-4
Flammable/Toxic: Flammable

### Accident History ID: Accident 2

Date of Accident: November 2004

Time Accident Began (HH:MM): 03:29
NAICS Code of Process Involved: 325199

NAICS Description: All Other Basic Organic Chemical

Manufacturing

Release Duration: 000 Hours 15 Minutes

## Release Event

Gas Release:N/ALiquid Spill/Evaporation:N/AFire:YesExplosion:N/AUncontrolled/Runaway Reaction:N/A

#### Release Source

Storage Vessel: N/A Piping: N/A Process Vessel: N/A Transfer Hose: N/A Valve: N/A Pump: N/A Joint: N/A Other Release Source: Furnace

### Weather Conditions at the Time of Event

Wind Speed: 1.0
Units: Miles/h
Direction: N
Temperature: 56
Atmospheric Stability Class: F
Precipitation Present: N/A
Unknown Weather Conditions: N/A

**On-Site Impacts** 

On-Site Property Damage (\$): 900000

**Known Off-Site Impacts** 

Deaths: 0
Hospitalizations: 0
Public Deaths: 0
Other Medical Treatments: 0
Evacuated: 0
Sheltered-in-Place: 0
Off-Site Property Damage (\$): 0

**Environmental Damage** 

Fish or Animal Kills:

Tree, Lawn, Shrub, or Crop Damage:

N/A

Water Contamination:

N/A

Soil Contamination:

N/A

Other Environmental Damage:

N/A

**Initiating Event** 

Initiating Event:

**Equipment Failure** 

### **Contributing Factors**

**Equipment Failure:** N/A N/A Human Error: Improper Procedures: N/A N/A Overpressurization: **Upset Condition:** N/A By-Pass Condition: N/A Maintenance Activity/Inactivity: Yes Process Design Failure: N/A Unsuitable Equipment: N/A Unusual Weather Condition: N/A Management Error: N/A Other Contributing Factor: N/A

## Off-Site Responders Notified

Off-Site Responders Notified: Notified Only

## Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment: N/A Revised Maintenance: Yes Revised Training: N/A Revised Operating Procedures: N/A New Process Controls: N/A New Mitigation Systems: N/A Revised Emergency Response Plan: N/A Changed Process: N/A Reduced Inventory: N/A N/A None: Other Changes Introduced: N/A

### Chemicals in Accident History

Quantity Released (lbs): 2600
Percent Weight: 100

Chemical Name: Hydrogen chloride (anhydrous)

[Hydrochloric acid]

CAS Number: 7647-01-0 Flammable/Toxic: Toxic

# **Section 9. Emergency Response**

## Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):

Yes

Facility Plan (Does facility have its own written emergency response plan?):

Yes

Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):

Yes

Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):

Yes

Healthcare (Does facility's ER plan include information on emergency health care?):

Yes

# **Local Agency**

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):

La Porte LEPC

Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):

(281) 471-2141