

## Section 1. Registration Information

### Source Identification

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|                                |  |
|--------------------------------|--|
| Facility Name:                 | Exxon Company, U.S.A. Clear Lake Gas Plant |
| Parent Company #1 Name:        | Exxon Corporation                          |
| Submission Type:               | First Time                                 |
| Receipt Date:                  | June 1999                                  |
| Status:                        | Deregistered                               |
| Deregistration Effective Date: | December 2001                              |

### Facility Identification

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|              |                |
|--------------|----------------|
| Facility ID: | 1000 0008 0903 |
|--------------|----------------|

### Dun and Bradstreet Numbers (DUNS)

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|                |          |
|----------------|----------|
| Facility DUNS: | 98874001 |
|----------------|----------|

### Facility Location Address

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|           |                      |
|-----------|----------------------|
| Street 1: | 5120 Genoa Red Bluff |
| Street 2: | N/A                  |
| City:     | Pasadena             |
| State:    | TX                   |
| ZIP:      | 77505                |
| ZIP4:     | N/A                  |
| County:   | Harris               |

### Facility Latitude and Longitude

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|                      |            |
|----------------------|------------|
| Latitude (decimal):  | 29.632222  |
| Longitude (decimal): | -95.120278 |

### Local Emergency Planning Committee and Regulations

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|              |               |
|--------------|---------------|
| LEPC:        | Pasadena LEPC |
| OSHA PSM:    | Yes           |
| EPCRA 302:   | Yes           |
| CAA Title V: | Yes           |

## Process Chemicals

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|                  |                         |
|------------------|-------------------------|
| Program Level:   | Program Level 3 process |
| Chemical Name:   | Flammable Mixture       |
| CAS Number:      | 00-11-11                |
| Flammable/Toxic: | Flammable               |

### Flammable Mixture Chemical Components

|                  |                                |
|------------------|--------------------------------|
| Chemical Name:   | Isopentane [Butane, 2-methyl-] |
| CAS Number:      | 78-78-4                        |
| Flammable/Toxic: | Flammable                      |

|                  |           |
|------------------|-----------|
| Chemical Name:   | Methane   |
| CAS Number:      | 74-82-8   |
| Flammable/Toxic: | Flammable |

|                  |           |
|------------------|-----------|
| Chemical Name:   | Ethane    |
| CAS Number:      | 74-84-0   |
| Flammable/Toxic: | Flammable |

|                  |           |
|------------------|-----------|
| Chemical Name:   | Propane   |
| CAS Number:      | 74-98-6   |
| Flammable/Toxic: | Flammable |

|                  |                               |
|------------------|-------------------------------|
| Chemical Name:   | Isobutane [Propane, 2-methyl] |
| CAS Number:      | 75-28-5                       |
| Flammable/Toxic: | Flammable                     |

|                  |           |
|------------------|-----------|
| Chemical Name:   | Butane    |
| CAS Number:      | 106-97-8  |
| Flammable/Toxic: | Flammable |

|                  |           |
|------------------|-----------|
| Chemical Name:   | Pentane   |
| CAS Number:      | 109-66-0  |
| Flammable/Toxic: | Flammable |

## Process NAICS

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|                    |                               |
|--------------------|-------------------------------|
| NAICS Code:        | 211112                        |
| NAICS Description: | Natural Gas Liquid Extraction |

## Section 6. Accident History

### Accident History ID: Accident 1

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|                                 |                               |
|---------------------------------|-------------------------------|
| Date of Accident:               | June 1998                     |
| Time Accident Began (HH:MM):    | 10:20                         |
| NAICS Code of Process Involved: | 211112                        |
| NAICS Description:              | Natural Gas Liquid Extraction |
| Release Duration:               | 001 Hours 30 Minutes          |

### Release Event

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|                                |     |
|--------------------------------|-----|
| Gas Release:                   | N/A |
| Liquid Spill/Evaporation:      | N/A |
| Fire:                          | Yes |
| Explosion:                     | N/A |
| Uncontrolled/Runaway Reaction: | N/A |

### Release Source

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|                       |                             |
|-----------------------|-----------------------------|
| 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: | Direct Fired Heat Exchanger |

### Weather Conditions at the Time of Event

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|                              |         |
|------------------------------|---------|
| Wind Speed:                  | 5.0     |
| Units:                       | Miles/h |
| Direction:                   | S       |
| Temperature:                 | 95      |
| Atmospheric Stability Class: | B       |
| Precipitation Present:       | N/A     |
| Unknown Weather Conditions:  | N/A     |

## On-Site Impacts

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|                                  |        |
|----------------------------------|--------|
| Employee or Contractor Deaths:   | 0      |
| Public Responder Deaths:         | 0      |
| Public Deaths:                   | 0      |
| Employee or Contractor Injuries: | 0      |
| Public Responder Injuries:       | 0      |
| Public Injuries:                 | 0      |
| On-Site Property Damage (\$):    | 245000 |

## Known Off-Site Impacts

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

## Environmental Damage

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|                                    |     |
|------------------------------------|-----|
| Fish or Animal Kills:              | N/A |
| Tree, Lawn, Shrub, or Crop Damage: | N/A |
| Water Contamination:               | N/A |
| Soil Contamination:                | N/A |
| Other Environmental Damage:        | No  |

## Initiating Event

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|                   |                   |
|-------------------|-------------------|
| Initiating Event: | Equipment Failure |
|-------------------|-------------------|

## Contributing Factors

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|                                  |     |
|----------------------------------|-----|
| Equipment Failure:               | Yes |
| Human Error:                     | Yes |
| Improper Procedures:             | N/A |
| Overpressurization:              | N/A |
| Upset Condition:                 | Yes |
| By-Pass Condition:               | N/A |
| Maintenance Activity/Inactivity: | N/A |
| Process Design Failure:          | N/A |
| Unsuitable Equipment:            | N/A |
| Unusual Weather Condition:       | N/A |
| Management Error:                | N/A |
| Other Contributing Factor:       | No  |

## Off-Site Responders Notified

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|                               |                        |
|-------------------------------|------------------------|
| Off-Site Responders Notified: | Notified and Responded |
|-------------------------------|------------------------|

## Changes Introduced as a Result of the Accident

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|                                  |     |
|----------------------------------|-----|
| Improved or Upgraded Equipment:  | Yes |
| Revised Maintenance:             | Yes |
| Revised Training:                | Yes |
| Revised Operating Procedures:    | Yes |
| New Process Controls:            | Yes |
| New Mitigation Systems:          | N/A |
| Revised Emergency Response Plan: | N/A |
| Changed Process:                 | N/A |
| Reduced Inventory:               | N/A |
| None:                            | N/A |
| Other Changes Introduced:        | No  |

## Chemicals in Accident History

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|                          |                   |
|--------------------------|-------------------|
| Quantity Released (lbs): | 53000             |
| Percent Weight:          | N/A               |
| Chemical Name:           | Flammable Mixture |
| CAS Number:              | 00-11-11          |
| Flammable/Toxic:         | Flammable         |

### Flammable Mixture Chemical Components

|                  |                                |
|------------------|--------------------------------|
| Chemical Name:   | Isopentane [Butane, 2-methyl-] |
| CAS Number:      | 78-78-4                        |
| Flammable/Toxic: | Flammable                      |
| Chemical Name:   | Methane                        |
| CAS Number:      | 74-82-8                        |
| Flammable/Toxic: | Flammable                      |
| Chemical Name:   | Ethane                         |
| CAS Number:      | 74-84-0                        |
| Flammable/Toxic: | Flammable                      |
| Chemical Name:   | Propane                        |
| CAS Number:      | 74-98-6                        |
| Flammable/Toxic: | Flammable                      |
| Chemical Name:   | Isobutane [Propane, 2-methyl]  |
| CAS Number:      | 75-28-5                        |
| Flammable/Toxic: | Flammable                      |
| Chemical Name:   | Butane                         |
| CAS Number:      | 106-97-8                       |
| Flammable/Toxic: | Flammable                      |
| Chemical Name:   | Pentane                        |
| CAS Number:      | 109-66-0                       |
| Flammable/Toxic: | Flammable                      |

## 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?):  | N/A |
| Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?): | N/A |
| Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?): | N/A |
| Healthcare (Does facility's ER plan include information on emergency health care?):   | N/A |

## Local Agency

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

Pasadena Volunteer Fire Dept.

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

(713) 475-5554