ATTACHMENT "F"

RMP Report for AmeriGas - San Pedro Terminal

Section 1. Registration Information

1.1 Source Identification: Facility ID: 1 There were no reportable accidents in the last 5 years.

a. Facility Name: AmeriGas - San Pedro Terminal

b. Parent Company #1 Name: AmeriGas Propane, L.P.

c. Parent Company #2 Name:

1.2 EPA Facility Identifier: 1000 0017 0389

1.3 Other EPA Systems Facility ID:

1.4 Dun and Bradstreet Numbers (DUNS):

a. Facility DUNS: 835406539

b. Parent Company #1 DUNS: 835406539

c. Parent Company #2 DUNS:

1.5 Facility Location Address:

a. Street 1: 2110 North Gaffey Street

b. Street 2:

c. City: San Pedro d. State: CA e. Zip: 90731 -

f. County: Los Angeles

Facility Latitude and Longitude:

g. Lat. (dd.dddddd): 33.765111 h. Long. (ddd.dddddd): -118.292778

i. Lat/Long Method: 2 Interpolation - Photo

j. Lat/Long Description: AB Administrative Building

k. Horizontal accuracy measure (m): 25

l. Horizontal Reference Datum Code: 002 North American Datum of 1983

m. Source Map Scale Number: 24000

1.6 Owner or Operator:

a. Name: AmeriGas Propane, L.P.

b. Phone: (610) 337-7000

Mailing address:

c. Street 1: 2110 North Gaffey Street d. Street 2:

e. City: San Pedro f. State: CA g. Zip: 90731 - 1251

1.7 Name and title of person or position responsible for part 68 (RMP) implementation:

a. Name of person: Daniel F. Johansen

b. Title of person or position: Regional Logistics Manager

c. Email address: daniel.johansen@amerigas.com

1.8 Emergency contact:

a. Name: Daniel F. Johansen

b. Title: Regional Logistics Manager

c. Phone: (310) 833-5275

d. 24-hour phone: [redacted]

e. Ext. or PIN:

f. Email address: [redacted]

1.9 Other points of contact:

a. Facility or Parent Company E-Mail Address:

b. Facility Public Contact Phone:

c. Facility or Parent Company WWW Homepage Address: [redacted]

1.10 LEPC: California Region 1 LEPC

1.11 Number of full time employees on site: 12

1.12 Covered by:

a. OSHA PSM: Yes

b. EPCRA 302: No

c. CAA Title V: No Air operating permit ID:

1.13 OSHA Star or Merit Ranking: No

1.14 Last Safety Inspection (by an External Agency) Date: 08/18/2004

1.15 Last Safety Inspection Performed by an External Agency: Fire Department

1.16 Will this RMP involve predictive filing?: No

1.18 RMP Preparer Information:

a. Name: S. P. Hennings

b. Telephone: (510) 903-0370

c. Street1: 570 Exton Commons

d. Street2:

e. City: Exton

f. State: PA g. ZIP: 19341

Section 1.17 Process(es)

a. Process ID: 1 Program Level 3 Butane/Propane Distributn

b. NAICS Code

42471 Petroleum Bulk Stations and Terminals

c. Process Chemicals

c.1 Process Chemical (ID / Name)	c.2 CAS Nr.	c.3 Qty (lbs.)
1 Butane	106-97-8	120,000,000
2 Propane	74-98-6	640,000

Section 2. Toxics: Worst Case --- No Data To Report

Section 3. Toxics: Alternative Release --- No Data To Report

Section 4. Flammables: Worst Case

Flammables: Worst Case ID: 1

[redacted]

[redacted]

4.11 Graphic file name:

Section 5. Flammables: Alternative Release

[redacted]

[redacted]

5.12 Graphic file name:

Section 6. Accident History --- No Data To Report

Section 7. Prevention Program 3

Process ID: 1 Butane/Propane Distributn

Prevention Program ID: 1

Prevention Program Description: Site operations are considered to be one process, butane and propane storage and distribution. All major tanks are interconnected via hard piping and each tank could, given business conditions, be switched from one service to the other (butane or propane). All elements in the prevention program applies to both products, their storage and their handling.

7.1 NAICS Code 42471

7.2 Chemicals

Chemical Name
Butane
Propane

7.3 Date on which the safety information was last reviewed or revised: 09/30/2004

7.4 Process Hazard Analysis (PHA):

a. Date of last PHA or PHA update: 10/20/2004

b. The technique used:

What If:	No	Failure Mode and Effects Analysis:	No
Checklist:	No	Fault Tree Analysis:	No
What If/Checklist:	No	Other (Specify):	HAZOP Revalidation
HAZOP:	Yes		

c. Expected or actual date of completion of all changes from last PHA or PHA update: 05/09/2007

d. Major hazards identified:

Toxic release:	No	Contamination:	No
Fire:	Yes	Equipment failure:	Yes
Explosion:	Yes	Loss of cooling, heating, electricity, instrument air:	Yes
Runaway reaction:	No	Earthquake:	Yes
Polymerization:	No	Floods (flood plain):	No
Overpressurization:	No	Tornado:	No
Corrosion:	Yes	Hurricanes:	No
Overfilling:	Yes	Other (Specify): Thermal burns	

e. Process controls in use:

Vents:	Yes	Emergency air supply:	No
Relief valves:	Yes	Emergency power:	Yes
Check valves:	Yes	Backup pump:	Yes
Scrubbers:	No	Grounding equipment:	Yes
Flares:	Yes	Inhibitor addition:	No
Manual shutoffs:	Yes	Rupture disks:	No
Automatic shutoffs:	Yes	Excess flow device:	Yes
Interlocks:	Yes	Quench system:	No
Alarms and procedures:	Yes	Purge system:	No
Keyed bypass:	No	None:	No
		Other (Specify): Knock Out Pots	

f. Mitigation systems in use:

Sprinkler system:	Yes	Water curtain:	No
Dikes:	Yes	Enclosure:	No
Fire walls:	No	Neutralization:	No
Blast walls:	No	None:	No
Deluge system:	No	Other (Specify):	

g. Monitoring/detection systems in use:

Process area detectors:	Yes	None:	No
Perimeter monitors:	No	Other (Specify):	

h. Changes since last PHA or PHA update:

Reduction in chemical inventory:	No	Installation of perimeter monitoring systems:	No
Increase in chemical inventory:	No	Installation of mitigation systems:	No
Change process parameters:	No	None recommended:	No
Installation of process controls:	Yes	None:	No

Installation of process detection systems: Yes Other (Specify):

7.5 Date of most recent review or revision of operating procedures: 01/14/2008

7.6 Training:

a. The date of the most recent review or revision of training programs: 07/30/2008

b. The type of training provided:

Classroom: Yes On the job: Yes Other (Specify):

c. The type of competency testing used:

Written test: Yes Observation: Yes

Oral test: No Other (Specify):

Demonstration: Yes

7.7 Maintenance:

a. The date of the most recent review or revision of maintenance procedures: 05/01/2008

b. The date of the most recent equipment inspection or test: 07/25/2008

c. Equipment most recently inspected or tested : pumps/compressors/truck loading racks

7.8 Management of change:

a. The date of the most recent change that triggered management of change procedures: 05/01/2008

b. The date of the most recent review or revision of management of change procedures: 05/06/2008

7.9 The date of the most recent pre-startup review: 10/15/2004

7.10 Compliance audits:

a. The date of the most recent compliance audit: 09/26/2007

b. Expected date of completion of all changes resulting from the compliance audit: 05/06/2008

7.11 Incident investigation:

a. The date of the most recent incident investigation (if any): 10/24/2004

b. Expected or actual date of completion of all changes resulting from the investigation: 12/31/2005

7.12 The date of the most recent review or revision of employee participation plans: 05/05/2008

7.13 The date of the most recent review or revision of hot work permit procedures: 05/06/2008

7.14 The date of the most recent review or revision of contractor safety procedures: 05/06/2008

7.15 The date of the most recent evaluation of contractor safety performance: 05/06/2008

Process ID: 1 Butane/Propane Distributn

Prevention Program ID: 2

Prevention Program Description: Site operations are considered to be one process, butane and propane storage and distribution. All major tanks are interconnected via hard

piping and each tank could, given business conditions, be switched from one service to the other (butane or propane). All elements in the prevention program applies to both products, their storage and their handling.

7.1 NAICS Code 42471

7.2 Chemicals

Chemical Name
Butane
Propane

7.3 Date on which the safety information was last reviewed or revised: 09/30/2004

7.4 Process Hazard Analysis (PHA):

a. Date of last PHA or PHA update: 10/20/2004

b. The technique used:

What If:	No	Failure Mode and Effects Analysis:	No
Checklist:	No	Fault Tree Analysis:	No
What If/Checklist:	No	Other (Specify):	HAZOP Revalidation
HAZOP:	Yes		

c. Expected or actual date of completion of all changes from last PHA or PHA update: 04/01/2006

d. Major hazards identified:

Toxic release:	No	Contamination:	No
Fire:	Yes	Equipment failure:	Yes
Explosion:	Yes	Loss of cooling, heating, electricity, instrument air:	Yes
Runaway reaction:	No	Earthquake:	Yes
Polymerization:	No	Floods (flood plain):	No
Overpressurization:	No	Tornado:	No
Corrosion:	Yes	Hurricanes:	No
Overfilling:	Yes	Other (Specify):	Thermal burns

e. Process controls in use:

Vents:	Yes	Emergency air supply:	No
Relief valves:	Yes	Emergency power:	Yes
Check valves:	Yes	Backup pump:	Yes
Scrubbers:	No	Grounding equipment:	Yes
Flares:	Yes	Inhibitor addition:	No
Manual shutoffs:	Yes	Rupture disks:	No
Automatic shutoffs:	Yes	Excess flow device:	Yes
Interlocks:	Yes	Quench system:	No
Alarms and procedures:	Yes	Purge system:	No

Keyed bypass: No | None: No
Other (Specify): Knock Out Pots

f. Mitigation systems in use:

Sprinkler system:	Yes	Water curtain:	No
Dikes:	Yes	Enclosure:	No
Fire walls:	No	Neutralization:	No
Blast walls:	No	None:	No
Deluge system:	No	Other (Specify):	

g. Monitoring/detection systems in use:

Process area detectors:	Yes	None:	No
Perimeter monitors:	No	Other (Specify):	

h. Changes since last PHA or PHA update:

Reduction in chemical inventory:	No	Installation of perimeter monitoring systems:	No
Increase in chemical inventory:	No	Installation of mitigation systems:	No
Change process parameters:	No	None recommended:	No
Installation of process controls:	Yes	None:	No
Installation of process detection systems:	Yes	Other (Specify):	

7.5 Date of most recent review or revision of operating procedures: 08/03/2004

7.6 Training:

a. The date of the most recent review or revision of training programs: 10/01/2002

b. The type of training provided:

Classroom: Yes On the job: No Other (Specify):

c. The type of competency testing used:

Written test:	Yes	Observation:	No
Oral test:	No	Other (Specify):	
Demonstration:	No		

7.7 Maintenance:

a. The date of the most recent review or revision of maintenance procedures: 09/30/2004

b. The date of the most recent equipment inspection or test: 10/18/2004

c. Equipment most recently inspected or tested : pipeline valves

7.8 Management of change:

a. The date of the most recent change that triggered management of change procedures:	10/20/2004
b. The date of the most recent review or revision of management of change procedures:	10/14/2004
7.9 The date of the most recent pre-startup review:	10/15/2004
7.10 Compliance audits:	
a. The date of the most recent compliance audit:	09/29/2004
b. Expected date of completion of all changes resulting from the compliance audit:	04/01/2006
7.11 Incident investigation:	
a. The date of the most recent incident investigation (if any):	10/24/2004
b. Expected or actual date of completion of all changes resulting from the investigation:	12/31/2005
7.12 The date of the most recent review or revision of employee participation plans:	02/18/2005
7.13 The date of the most recent review or revision of hot work permit procedures:	02/18/2005
7.14 The date of the most recent review or revision of contractor safety procedures:	03/24/2005
7.15 The date of the most recent evaluation of contractor safety performance:	

Section 8. Prevention Program 2 --- No Data To Report

Section 9. Emergency Response

9.1 Written Emergency Response (ER) Plan:	
a. Is facility included in written community emergency response plan?	Yes
b. Does facility have its own written emergency response plan?	No
9.2 Does facility's ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?	No
9.3 Does facility's ER plan include procedures for informing the public and local agencies responding to accidental releases?	No
9.4 Does facility's ER plan include information on emergency heath care?	No
9.5 Date of most recent review or update of facility's ER plan:	
9.6 Date of most recent ER training for facility's employees:	
9.7 Local agency with which facility's ER plan or response activities are coordinated:	
a. Name of agency:	LA Fire Dept - Station 36
b. Telephone number:	(310) 548-2836
9.8 Subject to:	

a. OSHA Regulations at 29 CFR 1910.38:	Yes
b. OSHA Regulations at 29 CFR 1910.120:	No
c. Clean Water Act Regulations at 40 CFR 112:	No
d. RCRA Regulations at 40 CFR 264, 265, and 279.52:	No
e. OPA-90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:	No
f. State EPCRA Rules/Law:	Yes
g. Other (Specify):	

Executive Summary

Facility Background and Corporate Commitment to Safety

At the San Pedro facility we handle butane and propane, both of which are recognized by the EPA as regulated, flammable substances. The same properties that make butane and propane valuable as a fuel also make it necessary to practice certain safety precautions in their handling to prevent leaks, spills and accidents. First and foremost in our operations are the efforts undertaken to ensure employee and contractor safety while on site as well as minimize the risk exposure for the surrounding communities. It is our company policy to adhere to all applicable federal, state and local rules and regulations.

As a corporation, AmeriGas staffs a professional Safety Department at our Corporate Headquarters in King of Prussia, Pennsylvania. AmeriGas also has seven Regional Logistics Managers, a Terminal Operations Manager, a Safety and Technology Manager and a Supply and Logistics Safety Manager strategically located throughout the United States. These safety professionals are able to immediately respond to a serious incident and provide technical expertise to emergency response agencies as needed at the scene of the incident. AmeriGas also maintains an around the clock Emergency Communications Center, which handles all after-hours and emergency calls from around the country. Located in Rocklin, California, the ECC has the ability to contact AmeriGas field personnel or Chem trec on any type of incident encountered at any AmeriGas location or by AmeriGas customers.

The primary purpose of the facility is to store and distribute butane and propane to wholesale customers. Butane is received and/or distributed to customers by pipeline, railcar, ship or transport trucks. Butane is stored in two refrigerated storage tanks, each bulk tank having a nominal capacity of 13 million gallons. In addition, butane is also stored in two smaller horizontal vessels, each with a nominal capacity of 60,000 gallons. Propane is received and/or distributed to customers via railcar or transport truck and is stored in three horizontal tanks, each having a nominal capacity of 60,000 gallons. The facility is equipped to load or offload ships, railcars and transport trucks as needed. Access to the site is restricted to authorized facility employees, management personnel and contractors.

The facility is connected by pipeline to a dock in the Port of Los Angeles and currently loads 2 to 6 ships per year with butane for export.

The maximum amount of butane that can be stored on site is 120 millions pounds. For propane, the maximum inventory that can be stored on site is 640,000 pounds.

Accidental Release Prevention Policies and Practices

The site and the company continually strive to improve operations performance including the prevention of incidents, injuries and releases at the facility. Primary elements of this continuous improvement effort include making capital improvements to the facility as required, maintaining up to date procedures and continual training of personnel in both regulatory and job specific subject matter. The integrity and reliability of major equipment, including pumps, compressors, pipelines and storage tanks is assured through periodic inspection and preventive maintenance practices. The chemicals handled do not present significant internal corrosion hazards and corrosion to external surfaces of pipelines and storage tanks is minimized via extensive inspection and painting programs.

As important as those previously mentioned items are, the site is also equipped with modern leak detection

systems comprised of Ultraviolet (UV) and Infrared (IR) fire detection sensors that alert personnel should a leak and fire occur. These sensors are located at strategic points throughout the facility and work in conjunction with shutdown systems and emergency response equipment also installed on site. Shutdown systems include automatic positive shutoff valves and other critical interlocks designed to shutdown affected equipment or isolate a problem once detected.

Should an actual leak occur, emergency response equipment such as the site's extensive sprinkler systems would activate to help minimize the hazard associated with the leak. In addition, a continuously operating flare is in service on site to minimize gas emissions to the atmosphere during normal and upset conditions.

This distribution and storage facility is subject to and abides by OSHA's Process Safety Management (PSM) rule for sites handling hazardous chemicals. In addition, the site complies with EPA's Accidental Release Prevention Rule and all other applicable federal, state and local codes and regulations, including California's requirements for seismic activity study and design. When built, this facility was designed in accordance with NFPA-58.

All of our AmeriGas transport drivers have been thoroughly trained using the National Propane Gas Association's (NPGA) Certified Employee Training Program (CETP).

Five Year Accident History

This facility has not had an accident or release meeting RMP criteria within the last five years.

Emergency Response Program

This facility is considered a non-responding location with no toxic substances on-site and as such is not required to maintain an Emergency Response Plan. As a non-responding facility, the site maintains an Emergency Action Plan (EAP) which includes procedures for the notification of local fire, law enforcement and medical organizations. Notification of any potentially affected neighbors would be coordinated through the fire department or law enforcement after consultation with site personnel. Should an actual incident occur, the EAP gives guidance to employees on when and how to respond to minor incidents, incidental spills and small fires. Larger emergencies require the assistance of local emergency response agencies, including the Los Angeles Fire Department and on-site personnel are knowledgeable as to when that outside assistance is required.

The EAP is reviewed periodically to ensure that it remains up-to-date, reflecting current activities on site and employees are trained on their responsibilities in an emergency to ensure prompt response should a situation arise. The EAP is based upon the following guidelines and standards:

1) NPGA LP-Gas Safety Handbooks: Guidelines for Developing Plant Emergency Procedures and How To Control LP-Gas Leaks and Fires.
2) OSHA's Occupational Safety and Health Standards for General Industry, specifically: 29 CFR 1910.38, "Emergency Action Plans", 29CFR 1910.39, "Fire Prevention Plans", 29 CFR 1910.119, "Process Safety Management of Highly Hazardous Chemicals" and 29 CFR 1910.120, "Hazardous Waste Operations and Emergency Response"
3) National Fire Protection Association Guidelines: NFPA 58, "Liquified Petroleum Gas Code" and NFPA 54, "National Fuel Gas Code"

Planned Changes to Improve Safety

Since the initial RMP submission, the site has upgraded process controls and metering systems, and installed dedicated propane transfer lines. In addition, the odorant injection system was upgraded in order to significantly reduce fugitive emissions and minor leaks, thereby reducing odor complaints. Upgrades to the site's UV/IR fire detection and its gas detection systems have just recently been completed, improving leak detection response time and system reliability. In progress is a project to replace the existing truck rack loading arms in order to further reduce fugitive gas emissions and potential odor complaints.

RMP Validation Errors/Warnings --- No Data To Report