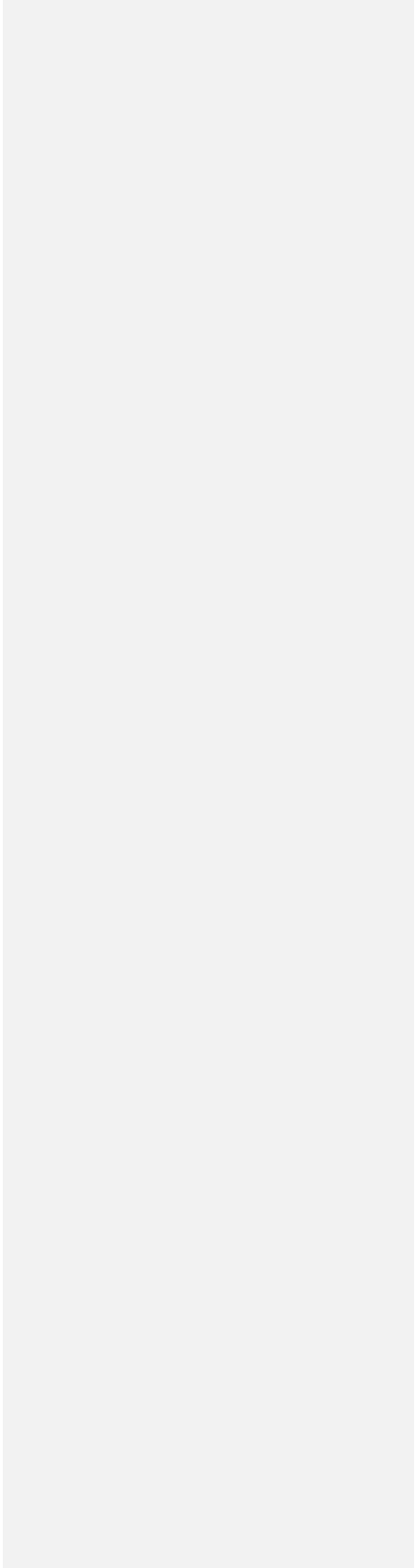


**Appendix B**  
**Operation, Maintenance, and Emergency**  
**Response Plan**

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**THREE RIVERS ACQUISITION CO., LLC.**  
**OPERATION, MAINTENANCE AND EMERGENCY RESPONSE PLAN**  
**FOR THREE RIVERS ACQUISITION CO., LLC. PIPELINE IN**  
**SAN JOAQUIN & SACRAMENTO COUNTIES, CALIFORNIA**

## **OVERVIEW**

Contained herein are the various plans for the THREE RIVERS ACQUISITION CO., LLC pipeline in San Joaquin and Sacramento County, California. These plans are intended only as a guide to the safe operation of the pipelines and are not intended to cover every emergency or condition. The pipeline is to be operated in accordance with the specific requirements of California Public Utilities Commission General Order 112-E and The United States Department Of Energy Title 49 Part 142 as these regulations may apply. Additionally, specific requirements regarding notification of the San Joaquin County Department Of Planning, The San Joaquin County Office Of Emergency Services, The Sacramento County Department Of Planning/Public Works, The Sacramento County Office Of Emergency Services, The California State Lands Commission, and other relevant agencies may be required in the case of any repair to the pipeline.

## **OPERATIONS**

- A. Daily - The operations Contractor shall visit the pipeline terminal facility daily. Pipeline operating criteria including pressure and flow rate to be recorded.

Weekly - The entire route of the pipeline to be inspected by vehicle. Any unusual conditions to be reported immediately.

Quarterly - The entire route of the pipeline to be inspected by walking. Any unusual conditions to be reported immediately.

Additionally, the preventative maintenance testing on the cathodic protection system will be performed every three months. A technician will measure each sampling point to insure the integrity of the cathodic protection system.

Semi-Annually - A leak survey, using a calibrated gas sniffer, will be performed every six months in conjunction with the cathodic testing.

Annually - All relief valves to be re-calibrated. River crossing section of pipeline to be pigged to remove any precipitated liquids.

As Required – River crossing section of pipeline to be pigged with an internal measuring instrument to measure pipe integrity, and condition.

**B. PIPELINE REPAIRS**

If the pipeline repairs are being performed by an outside company, an employee of the Operations Contractor familiar with such repairs will be assigned the responsibility of assuring that repairs are made properly and safely.

When repairs to the line are to be made, the Operations Contractor must comply with the local State/County rules. These include but are not limited to the following:

**1) NOTIFICATION**

The Operations Contractor is responsible for notifying and obtaining the permission of the State/County authorities prior to the start of any maintenance.

**2) TRAFFIC CONTROL**

A minimum of one 11 foot traveled way shall be maintained in each direction on public streets at all times. If it is necessary to reduce the traveled way to less than two 11 foot lanes, flagmen shall be required.

THREE RIVERS ACQUISITION CO., LLC will also construct signs, lights, barriers fences, and detours as necessary to give adequate warning to the public that work is in progress and that dangerous conditions exist. Special emphasis will be placed on the requirement of fences to protect the public from any hazards.



## **GAS PIPELINE EMERGENCY RESPONSE PLAN**

### **PREFACE**

The following is an EMERGENCY RESPONSE PLAN for the Three Rivers Acquisition Co., LLC Natural Gas Pipeline in San Joaquin and Sacramento Counties. The plan provides emergency personnel to be contacted and an emergency procedure.

The purpose of the following plan is to establish a predetermined mode of operation in an emergency, which includes: (1) a system of notifications, (2) delegation of responsibilities and authority for different activities, and (3) a chain of communications, properly established so that all areas of concern are continually informed. The word "emergency", as used, includes leaks, spills, fires, explosion, natural disasters, etc. The entire system is to be treated as an area requiring immediate response to prevent hazards to the public.

The basic responsibility for implementing the emergency plan rests with the Operations Contractor. He must ensure that the personnel react as instructed, that equipment and personnel are available and adequate, and that reliable communications and documentation are established.

#### **A. NOTIFICATION OF EMERGENCY:**

The authorities and the general public should notify THREE RIVERS ACQUISITION CO., LLC of problems by contacting:

**THREE RIVERS ACQUISITION CO., LLC**

**877-271-5887**

##### **1. By Outside Source:**

The employee receiving notification from an outside party is to obtain as much pertinent data as possible and the information to complete Appendix 1, "Initial Leak Report," which includes:

##### **a. Leak Report by:**

Obtain the name of the person who is reporting the emergency. The caller's address and telephone number should also be requested. Record the time and date of the reporting.

b. Time and Date Emergency Discovered:

Ask and record the time and date the party discovered the emergency.

c. Location of Emergency:

It is very important to obtain a precise location to aid the isolation of the emergency. The site's relationship to highways, streets, roads, railroads, houses, buildings, etc., is significant and will assist in determining required notifications.

d. Type of Emergency:

Ask the caller whether there was an explosion or if fire exists. If there is no fire, question whether hazardous conditions exists, such as product near railroad tracks, businesses, homes, roads, or possible ignition source.

e. Emergency Agencies:

Inquire if anyone has been injured and if any emergency agencies (fire department, police, ambulance, etc.) were at the site or had been notified.

2. By Company or Contractor Personnel:

Company or Contractor personnel discovering an emergency must take appropriate action to limit hazards to the public and property and to contain and prevent the discharge of additional product. If the emergency is accompanied by fire or explosion, with resultant injuries, first aid is to be rendered and emergency assistance secured. Appendix 4., "First Personnel at Leak Site Action," provides a form for recording the necessary data.

B. COMPANY/CONTRACTOR RESPONSE TO AN EMERGENCY:

When the information as required on Initial Leak Report, Appendix 1, has been obtained from the reporter or an employee discovering an emergency, the required emergency actions must be taken. This includes promptly dispatching personnel to identify the exact location and to close the appropriate valves to isolate the problem.



Simultaneously, Company/Contractor will notify local police and fire departments if it has received information that may constitute an emergency.

If it is determined that an emergency exists, Company/Contractor will have already closed the necessary valves to stop gas flowing to the problem area.

THREE RIVERS ACQUISITION CO., LLC will make an assessment, along with local emergency authorities, to minimize the effects of the emergency and to correct the problem.

#### Company Notifications of Emergency

When the information has been received and the appropriate responses made then the notifications as indicated in Appendix 2., "Notification," are to be made.

#### C. GOVERNMENT AGENCY NOTIFICATIONS:

Area Manager or his appointee will determine the direct notifications of government agencies and other company departments deemed necessary by the circumstances of the emergency.

#### D. PRODUCT MOVEMENT ACTIONS:

##### 1. Evaluation and Line Shutdown:

The Company/Contractor Supervisor must evaluate from information supplied from the field or outside parties whether the reported leak is or could be our pipeline. Appendix 3., "Company/Contractors Actions," provides a form with the pertinent information needed for recording by the Company/Contractor Supervisor.

##### 2. Closing Block Valves:

After the line has been shut down, the Company/Contractor Supervisor, in cooperation with field forces, will direct the closing of certain block valves determined by the individual circumstances (leak location known or unknown) and at times request pressure monitoring until the leak has been isolated. When the leak has been isolated, the field forces will take charge of leak repair direction. A record should be made of all valves closures.

##### 3. Opening Block Valves:

When field forces have determined that temporary or permanent repairs have been completed, the Company/Contractor Supervisor, in cooperation with field forces, will direct the opening of the block valves as required to perform pressure test and for resuming line operations. Field personnel are to remain at the leak site and report status of repaired facilities to the Company/Contractor Supervisor during the pressure test and initial operations.

4. Final Notifications:

When the line has returned to normal operation, the Company/Contractor Supervisor is to advise the Area Manager.

5. Follow-up:

When a final product loss figure is available, the Area Manager is to be notified indicating the estimated product loss and the estimated time to repack the line.

E. EMERGENCY SITE:

1. First Employee at Site:

a. Hazardous Conditions:

The first employee to arrive at the emergency site must evaluate the situation and determine if any hazards or potential hazards to people or property exist. If the emergency is accompanied by injuries, first aid is to be rendered and emergency assistance secured.

b. Limit Hazards:

Although a great deal of judgment must be exercised, appropriate action must be taken to limit hazards to the public and property and to contain and prevent the discharge of additional product if possible.

c. Notifications:

After the required emergency actions and notifications as described in Appendix 2., "Notifications," have been taken, details of the conditions at the site including information indicated in Appendix 4., "First Company Personnel at Leak Actions," are to be relayed to the Area Manager.



F. COMPANY/CONTRACTOR SUPERVISOR RESPONSIBILITIES:

1. Emergency Plan:

THREE RIVERS ACQUISITION CO., LLC will maintain an emergency plan within the county to initiate actions immediately on report of an emergency and ensure that company personnel are acquainted and trained to execute the emergency actions. Personnel shall be informed concerning the characteristics of natural gas in the system and the safe practices in the handling of accidental discharge and repair of facilities. Each emergency will require individual evaluation by the Company/Contractor Supervisor depending on availability of personnel, emergency location, if it involves a fire or explosion, whether it is in or near water, sewer or drainage system. The plan must always have personnel assigned to initiate and be responsible for the following.

a. Company/Contractor Supervisor in Charge at Site:

A person is to be selected to charge and coordinate all phases of the actions required for the emergency.

(1) Company/Contractor Maintenance and Repair:

The company/contractor representative in charge is to be notified if and when company maintenance and repair equipment and personnel will arrive at the emergency site. The representative in charge must determine the need and arrange for outside services and equipment (back hoe, bulldozer, vacuum trucks, dump trucks, barricades, contract personnel, pipeline contractors, etc.) depending on the requirements of the emergency. Appendix 5, "Outside Contractor," indicates the outside contractors and equipment companies available for emergencies and their telephone numbers. The Company/Contractor Supervisor will make necessary plans to proceed to leak site with necessary equipment. The Supervisor is to complete Appendix 6, "Leak Site Report," indicating information required as it happens.

(2) Communications and Documentation:

A Company/contractor employee is to be assigned to remain in the near vicinity with a mobile radio to provide a

communications link to and from the emergency site. This person should also be assigned the responsibility of all documentation, including times and record of emergency agencies arrival and departure, roads blockaded and opened, evacuation of housing or businesses, valve closing and opening, emergency repairs made, equipment available, and any other pertinent facts that may arise.

(3) Safety:

A company/contractor employee is to be assigned the responsibility of safety at the emergency site. His duties would include installation of No Smoking signs in hazardous areas, barricading danger areas, routing people and vehicles as required, determining by use of explosimeter if hazardous conditions exist, ensuring that sufficient fire-fighting equipment is available and located in proper positions. Appendix 7., "Safety Coordinator," indicates a check list to be used by the person assigned. This person would be directed by the representative in charge.

(4) Public Relations:

Unless a company public representative is available, someone with appropriate knowledge and authority is to be assigned the responsibility of responding to the news media, if present, answering questions or complaints from outside parties, dealing with emergency agencies, etc. In addition, someone should be assigned the duties of taking photos of the site in relations to markers, streets, roads, highways, railroad, dwellings, businesses, product confines, damage caused, etc. The Area Manager is to approve any statement concerning the emergency prior to its being released.

(5) Pipeline Repairs:

If the pipeline repairs are being performed by an outside company, a Company/Contractor Supervisor familiar with such repairs will be assigned the responsibility of assuring that repairs are made properly and safely.

To facilitate repairs, the gas pressure will have to be relieved from the pipeline. This will be accomplished at the



plant mixing station through the blow off valve. The venting procedure, shall be done in such a manner to limit as far as practical, release of natural gas to the atmosphere.

When repairs to the line are to be made, the Company/Contractor Supervisor must comply with the local County rules. These include but are not limited to the following:

(a) Traffic Control

A minimum of one 11 foot traveled way shall be maintained in each direction on public streets at all times. If it is necessary to reduce the traveled way to less than two-11 foot lanes, flagmen shall be required. THREE RIVERS ACQUISITION CO., LLC will also construct signs, lights, barriers fences, and detours as necessary to give adequate warning to the public that work is in progress and that dangerous conditions exist. Special emphasis will be placed on the requirement of fences to protect the public from any hazards.

(b) Repair of existing improvements and services  
THREE RIVERS ACQUISITION CO., LLC will repair all existing improvements and services that were damaged by the emergency or the repairs.

2. Notifications:

a. Emergency Agencies:

The Company/Contractor Supervisor should direct notifications of any agency required for emergency field activities for the public safety. This notification procedure will include the

Local Fire and Sherriffs Office	911
San Joaquin County Office Of Emergency Services	(209)468-3962
Sacramento County Office Of Emergency Services	(916)526-9500
California Office Of Emergency Services	(800)852-5500

b. THREE RIVERS ACQUISITION CO., LLC - Area Manager:

(1) Immediate:



The Company/Contractor Supervisor is to notify the Area Manager of the report of a leak or suspected leak and any facts known at the time and discuss actions presently being taken and those anticipated based on the initial report.

(2) When Emergency is Located:

After the initial report from the emergency site, the Area Manager is to be notified and informed of existing conditions. From these conditions a determination will be made by the Area Manager of what agencies, government or local (sanitation, water or irrigation companies, city, government, health departments, Captain of Port, claims agents, public relations) that require immediate notification. The Company/Contractor Supervisor preliminary emergency plan actions for this incident are to be reviewed with the Area Manager, including estimates of anticipated timing of various activities.

(3) Periodic Progress Report:

Reasonably frequent progress reports should be made to appropriate management personnel. As a guideline, these should be approximately every two hours unless advised otherwise.

G. EMERGENCY REPORTS:

Copies of reports made during emergency are to be submitted to the Area Manager for review and determination of effectiveness of the procedures.

APPENDIX A - RETAINED CONTRACTORS

THREE RIVERS ACQUISITION CO., LLC has agreements with the following local contractors capable of responding to the emergencies in a timely manner immediately. These are:

AA PRODUCTION SERVICES, INC.  
ASTA CONSTRUCTION