HIP - 47

GENERAL CORRESPONDENCE

YEAR(S):
1994

Public Service Company of New Mexico

October 5, 1994

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Chris Eustice, Environmental Geologist
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Eustice:

Subject: Gas Company of New Mexico,
USDOE Gas Line Replacement Project - Los Alamos, NM,
Hydrostatic Test Dewatering - Line A

Pursuant to State of New Mexico Oil Conservation Division (OCD) Environmental Regulations Section 7c. Public Service Company of New Mexico (PNM) submits on behalf of the Gas Company of New Mexico (GCNM) this plan for the discharge of water used for hydrostatic testing of a new pipeline that will transport hydrocarbon product. The format for the information provided, **a)** through **i)**, is as outlined by OCD Guidelines for Hydrostatic Test Dewatering, Section 7c.

The name, address, and telephone number of the person in charge of the facility, as well as the owner operator of the facility:

Person in charge:
Mr. Jon W. Jones, P.E.
Manager, Engineering Support
Alvarado Square
Albuquerque, New Mexico 87158-2512
(505) 848-4571

Owner and operator:

Owner: U.S. Department of Energy
Albuquerque Operations Office
P.O. Box 5400
Albuquerque, NM 87115
(505) 845-6682

Operator: Gas Company of New Mexico
Alvarado Square
Albuquerque, New Mexico 87158
(505) 848-2700

a) Map showing location of the pipelines to be tested:

Enclosed as Figure 1. is a USGS 7.5 minute quadrangle of the project location.

b) Description of the test:

GCNM is constructing six (6) miles of a 12" pipeline (DOE Gas Line Replacement Project) in Los Alamos, New Mexico. The pipeline is a replacement project for an existing 12" pipeline serving the town of Los Alamos and the Los Alamos National Laboratory (LANL). Construction activities is taking place on federal lands managed by the U.S. Department of Energy (DOE). Hydrostatic testing of this Phase of the project constists of approximately 1.0 miles of pipeline commencing at the existing DOT Tech Area valve station and runs to the pipelines

intersection with the project Line B near State Highway 4.

The pipe for the project will be new, with no internal coatings. A certification has been requested of the manufacturer to ensure compliance with ordered specifications. Enclosed as Attachment 1. is a copy of the certification from the pipe manufacturer (California Steel Industries, Inc.) for the project identifying coating free pipe.

After the pipe is buried in the ditch, the pipe will be cleaned by "pigging" (scouring) and with air to remove weld fragments and other residual solids. The pipeline will be hydrostatically tested by transferring water by use of a tanker truck from a fire hydrant connected to the DOE's LANL municipal water system to ensure its structural integrity prior to being placed in service. After completion of the test, the water will be pumped to a tanker truck and transferred to a manhole of the DOE's LANL sanitary sewer waste system. The hydrostatic test will occur over the entire length of Line A of the project as one unit. A total of 33,665 gallons will be utilized and discharged for the test.

c) Source and analysis of test water:

The water for the hydrostatic test will be potable water obtained from a fire hydrant connected to the DOE's LANL municipal water system located along East Jemez road. Enclosed as Attachment 2. is a copy of portions of the hydrostatic test contract specifications for the project identifying the source type of water.

d) Point of discharge of the test water:

Water from the hydrostatic pipe test will be discharged into a manhole of the DOE's LANL sanitary sewer waste system along the West side of Bikini road south from West Jemez Road, Los Alamos county, New Mexico. The point of discharge is shown on the map, Figure 1.

e) Method and location for collection and retention of fluids and solids:

Test water will be pumped from the new pipe installation to a tanker truck and transferred into a manhole of the DOE's LANL sanitary sewer waste system along Bikini road, Los Alamos county, New Mexico. Since the pipe to be utilized is new with out coatings and the water supply is from the DOE's LANL municipal water system minimal solids is anticipated. However, the pipe will be cleaned prior to the hydrostatic test by "pigging" and with air to remove any weld fragments and other residual solids. Final retention of the water will be the DOE's LANL sanitary sewer waste system.

f) Depth of ground water at discharge and collection/retention site:

The depth to water at the discharge collection/retention site has been provided by the land owner to be approximately 1800 feet.

g) Proposed method of disposal of fluids and solids after test completion including closure of any pits:

Since the pipe to be utilized is new with out coatings and the water supply is potable water from the DOE's LANL municipal water system minimal solids is anticipated. Prior to the hydrostatic test the pipe will be cleaned by "pigging" and with air to remove any weld fragments and other residual solids prior to collection/disposal of the water. Final disposal of the water will be the DOE's LANL sanitary sewer waste system.

h) Identification of land owners at and adjacent to the discharge and collection/retention site:

The U.S. Department of Energy owns the discharge collection/retention site (the sanitary sewer waste system) and the immediate surrounding land.

i) Written permission from the land owner of the collection/retention site:

Enclosed as Attachment 3. is a letter from the DOE accepting receipt of proposed discharge water from the project hydrostatic test to their sanitary sewer waste system.

If you have any question or require additional information, please contact me at (505) 848-4871.

John A. Ferraiuolo
Sr. Environmental Scientist

JAF:
Enclosure

cc: Jon W. Jones, GCNM

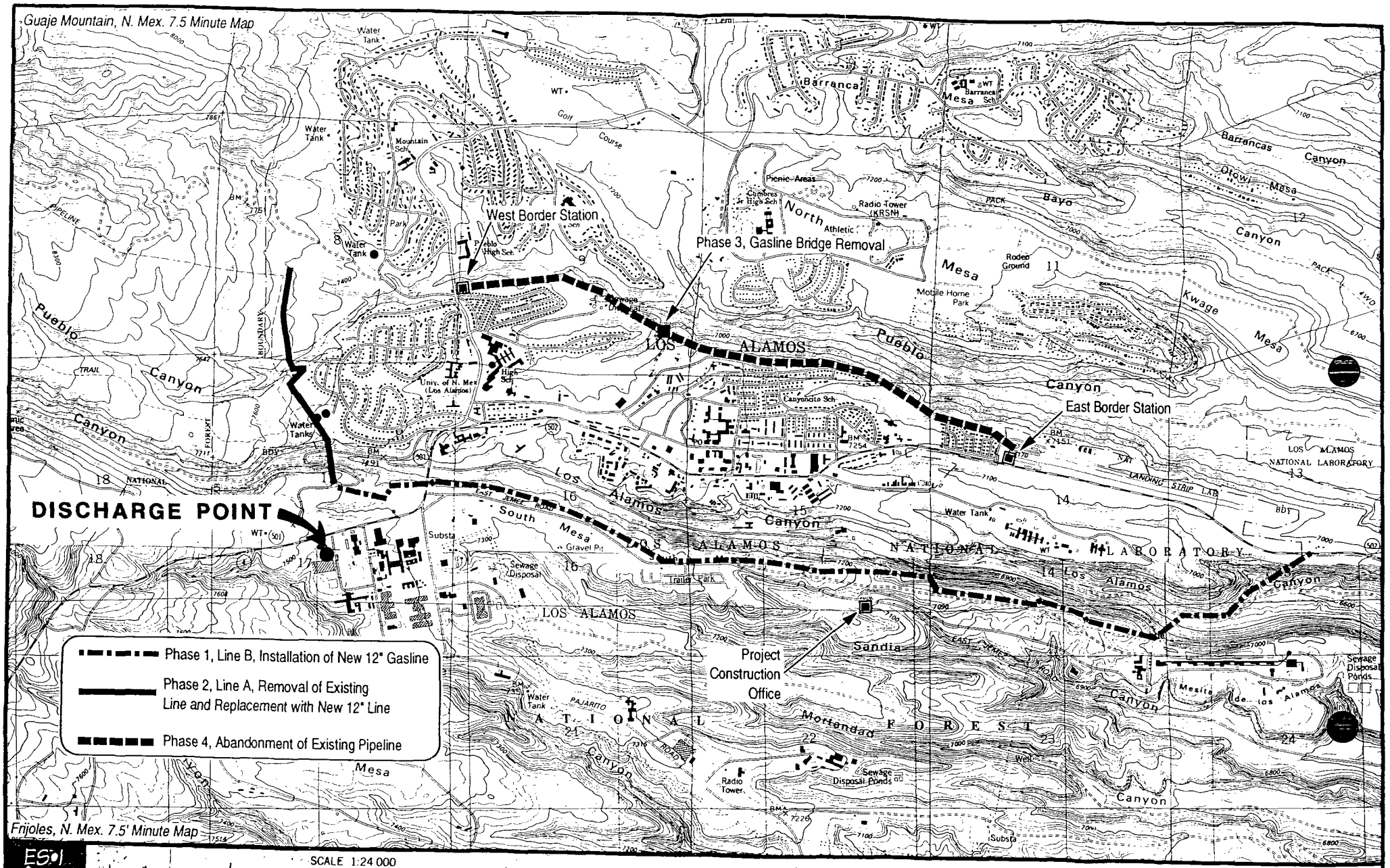

Figure 1
Location of Project Phases, DOE Gas Line Replacement Project, Los Alamos, NM

ATTACHMENT 1

Post-it Fax Note 7672

To CURTIS LAND
Company PUBLIC SVC
Location
Fax # 505-848-2364 Telephone #
Comments

No. of Pages 6
From Martha
Company CSI - TP
Location
Fax #
Today's Date 9/7
Time
Dept. Charge
Telephone #
Original Disposition: ☐ Destroy ☐ Ret... ☐ Call for pickup

Copy of letter to MJ - Farmington

CALIFORNIA STEEL INDUSTRIES, INC.

14000 San Bernardino Avenue, P.O. Box 5080
Fontana, California 92335
Telex 201239 (909) 350-6300

September 7, 1994

MC JUNKIN-REPUBLIC SUPPLY
P.O. Box 248
Farmington, NM 87499

Attention: David Holcomb

Via Fax No. 505-326-3032

Regarding: P.O. #75-96800

26,113' of 12-3/4" O.D. x .219W API-5L-Gr.X42
3,344' of 12-3/4" O.D. x .312W API-5L-Gr.X42
326' of 12-3/4" O.D. x .375W API-5L-Gr.X42

Dear David:

The I.D. of the material supplied you on the above order was free from lacquer or a rust preventative coating.

Sincerely,

CALIFORNIA STEEL INDUSTRIES, INC.
Tubular Products

Martha Martinez
Manager, Customer Service

MM:slk
ltrs\mm94-413

cc: Curtis Land, Public Service Company of New Mexico
Fax (505) 848-2364

SPECIFICATION NO. 15043 - TESTING OF PIPING SYSTEMS

1.0 GENERAL

1.1 Section Includes:

1.1.1 Pressure and leak test the gas transmission piping system.

1.2 Related Sections:

1.2.1 Section 15050 - Cleaning and Dewatering of Piping Systems.

1.3 References:

1.3.1 Department of Transportation (DOT) Minimum Federal Safety Standards, Title 49, Part 192 - Transportation of Natural and Other Gas by Pipeline.

1.3.2 ANSI/ASME B31.8 - Gas Transmission and Distribution Piping Systems - ASME Code for Pressure Piping.

1.3.3 New Mexico Oil Conservation Division (OCD) - Guidelines for the disposal of water used for Hydrostatic Testing of Natural Gas Pipelines.

1.4 Submittals:

1.4.1 Water Quality: Submit test reports for water quality.

1.4.2 Hydrostatic Test: Submit test certifications and reports.

2.0 PRODUCTS

2.1 Test Media:

2.1.1 The testing media shall be clean, potable (drinking quality) water containing not greater than 500 parts per million (mg/liter) of total dissolved solids and with a pH between 6.5 and 8.5 as it is introduced into each hydrotest section. Water containing sand, silt, mud or other suspended particulates shall be properly filtered by the Subcontractor prior to filling the pipeline or piping section(s). Provide all methanol and add it to the hydrotest water, if needed to prevent freezing or slushing of the water during cold (freezing) weather conditions. Proper and acceptable documentation attesting to the hydrotest water quality, as well as tests and treatment processes performed to ensure proper quality, shall be provided by the Subcontractor and all associated documentation shall be submitted to GCNM.

Department of Energy
Albuquerque Operations Office
P. O. Box 5400
Albuquerque, New Mexico 87115

SEP 28 1994

Mr. Jon Jones
Project Manager
Gas Company of New Mexico
Alvarado Square
Albuquerque, New Mexico 87158-2512

Dear Mr. Jones:

Reference Contract No. DE-AC04-93AL82994, Los Alamos Townsite Gasline Replacement.

The following is provided in response to your verbal requests concerning the disposal of the water used to hyrdo-test the gasline on the referenced subject: The approx. 34,000 gallons of test water may be discharged into the sanitary sewer system in the vicinity of TA-3-142 on the south side of the west Jemez Road. Two conditions are tied to this: 1) that LANL be notified one day before the discharge is made so utility personnel can be present to open the manhole or lift station, and 2) that the water not be contaminated with chemicals, oil, or other constituents which would be harmful to the micro-organisms at the Sanitary Treatment Plant at TA-46.

Lee Le-Doux

Lee F. Le-Doux
Contracting Officer
Representative
Project Management Division

cc:
D. Lucero, FSS-8, LANL
G. Valenzuela, PMB, LAAO
P. Bellino, CPD, AL

Public Service Company of New Mexico

OIL CONSERVATION DIVISION
RECEIVED
SEP 12 AM 8 50

September 8, 1994

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Chris Eustice, Environmental Geologist
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Eustice:

Subject: Gas Company of New Mexico,
USDOE Gas Line Replacement Project - Los Alamos, NM,
Hydrostatic Test Dewatering

Pursuant to State of New Mexico Oil Conservation Division (OCD) Environmental Regulations Section 7c. Public Service Company of New Mexico (PNM) submits on behalf of the Gas Company of New Mexico (GCNM) this plan for the discharge of water used for hydrostatic testing of a new pipeline that will transport hydrocarbon product. The format for the information provided, **a)** through **i)**, is as outlined by OCD Guidelines for Hydrostatic Test Dewatering, Section 7c.

The name, address, and telephone number of the person in charge of the facility, as well as the owner operator of the facility:

Person in charge:
Mr. Jon W. Jones, P.E.
Manager, Engineering Support
Alvarado Square
Albuquerque, New Mexico 87158-2512
(505) 848-4571

Owner and operator:

Owner: U.S. Department of Energy
Albuquerque Operations Office
P.O. Box 5400
Albuquerque, NM 87115
(505) 845-6682

Operator: Gas Company of New Mexico
Alvarado Square
Albuquerque, New Mexico 87158
(505) 848-2700

a) Map showing location of the pipelines to be tested:

Enclosed as Figure 1. is a USGS 7.5 minute quadrangle of the project location.

b) Description of the test:

The Gas Company of New Mexico (GCNM) is constructing six (6) miles of a 12" pipeline (DOE Gas Line Replacement Project) in Los Alamos, New Mexico. The pipeline is a replacement project for an existing 12" pipeline serving the town of Los Alamos and the Los Alamos National Laboratory (LANL). Construction activities is taking place on federal lands managed by the U.S. Department of Energy (DOE).

The pipe for the project will be new, uncoated pipe. A certification has

been requested of the manufacturer to ensure compliance with ordered specifications. Enclosed as Attachment 1. is a copy of the certification from the pipe manufacturer (California Steel Industries, Inc.) for the project identifying coating free pipe.

After the pipe is buried in the ditch, the pipe will be cleaned by "pigging" (scouring) and with air to remove weld fragments and other residual solid. The pipeline will be hydrostatically tested by transferring water by use of a three inch fire hose from a fire hydrant connected to the DOE's LANL municipal water system to ensure its structural integrity prior to being placed in service. After completion of the test, the water will be transferred by use of a three inch fire hose into DOE's LANL sanitary sewer waste system. The hydrostatic test will occur over the entire length of Line B of the project as one unit. A total of 159,146 gallons will be utilized and discharged for the test.

c) Source and analysis of test water:

The water for the hydrostatic test will be potable water obtained from a fire hydrant connected to the DOE's LANL municipal water system. Enclosed as Attachment 2. is a copy of portions of the hydrostatic test contract specifications for the project identifying the source type of water.

d) Point of discharge of the test water:

Water from the hydrostatic pipe test will be discharged into a manhole of the DOE's LANL sanitary sewer waste system along the south side of East Jemez Road, Los Alamos county, New Mexico. The point of discharge is shown on the map, Figure 1.

e) Method and location for collection and retention of fluids and solids:

Test water will be transferred from the new pipe installation by use of a three inch fire hose into a manhole of the DOE's LANL sanitary sewer waste system along East Jemez Road, Los Alamos county, New Mexico. Since the pipe to be utilized is new with out coatings and the water supply is from the DOE's LANL municipal water system minimal solids is anticipated. However, the pipe will be cleaned prior to the hydrostatic test by "pigging" and with air to remove any weld fragments and other residual solids. Final retention of the water will be the DOE's LANL sanitary sewer waste system.

f) Depth of ground water at discharge and collection/retention site:

The depth to water at the discharge collection/retention site has been provided by the land owner to be approximately 1800 feet.

g) Proposed method of disposal of fluids and solids after test completion including closure of any pits:

Since the pipe to be utilized is new with out coatings and the water supply is potable water from the DOE's LANL municipal water system minimal solids is anticipated. Prior to the hydrostatic test the pipe will be cleaned by "pigging" and with air to remove any weld fragments and other residual solids prior to collection/disposal of the water. Final disposal of the water will be the DOE's LANL sanitary sewer waste system.

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The U.S. Department of Energy owns the discharge collection/retention site (the sanitary sewer waste system) and the immediate surrounding land.

i) Written permission from the land owner of the collection/retention site:

Enclosed as Attachment 3. is a letter from the DOE accepting receipt of proposed discharge water from the project hydrostatic test to their sanitary sewer waste system.

If you have any question or require additional information, please contact me at (505) 848-4871.

John A. Ferraiuolo
Sr. Environmental Scientist

JAF:
Enclosure

cc: Jon W. Jones, GCNM

ATTACHMENT 1

Post-it Fax Note 7672

To CURTIS LAND
Company PUBLIC SVC
Location
Fax # 505-848-2364 Telephone #
Comments

No. of Pages 6
From Martha CSI-TP
Company
Location
Fax #
Original Disposition: ☐ Destroy ☐ Return ☐ Call for pickup

Today's Date 9/7
Title
Dept. Charge
Telephone #

Copy of letter to MJ - Farmington

CALIFORNIA STEEL INDUSTRIES, INC.

14000 San Bernardino Avenue, P.O. Box 5080
Fontana, California 92335
Telex 201239 (909) 350-6300

September 7, 1994

MC JUNKIN-REPUBLIC SUPPLY
P.O. Box 248
Farmington, NM 87499

Attention: David Holcomb

Via Fax No. 505-326-3032

Regarding: P.O. #75-96800

26,113' of 12-3/4" O.D. x .219W API-5L-Gr.X42
3,344' of 12-3/4" O.D. x .312W API-5L-Gr.X42
326' of 12-3/4" O.D. x .375W API-5L-Gr.X42

Dear David:

The I.D. of the material supplied you on the above order was free from lacquer or a rust preventative coating.

Sincerely,

CALIFORNIA STEEL INDUSTRIES, INC.
Tubular Products

Martha Martinez
Manager, Customer Service

MM:slk
ltrs\mm94-413

cc: Curtis Land, Public Service Company of New Mexico
Fax (505) 848-2364

DOE GAS LINE REPLACEMENT
Gas Company of New Mexico
Albuquerque, New Mexico

MERRICK & COMPANY
Process/Equipment Operations Center
Project No. 360-9943

SPECIFICATION NO. 15043 - TESTING OF PIPING SYSTEMS

1.0 GENERAL

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1.2 Related Sections:

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1.4 Submittals:

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2.1.1 The testing media shall be clean, potable (drinking quality) water containing not greater than 500 parts per million (mg/liter) of total dissolved solids and with a pH between 6.5 and 8.5 as it is introduced into each hydrotest section. Water containing sand, silt, mud or other suspended particulates shall be properly filtered by the Subcontractor prior to filling the pipeline or piping section(s). Provide all methanol and add it to the hydrotest water, if needed to prevent freezing or slushing of the water during cold (freezing) weather conditions. Proper and acceptable documentation attesting to the hydrotest water quality, as well as tests and treatment processes performed to ensure proper quality, shall be provided by the Subcontractor and all associated documentation shall be submitted to GCNM.

ATTACHMENT 3

Department of Energy
Albuquerque Operations Office
P. O. Box 5400
Albuquerque, New Mexico 87115

September 01, 1994

Mr. Jon Jones
Project Manager
Gas Company of New Mexico
Alvarado Square
Albuquerque, New Mexico 87158-2512

Dear Mr. Jones;

Reference Contract No. DE-AC04-93AL82994, Los Alamos Townsite Gasline Replacement

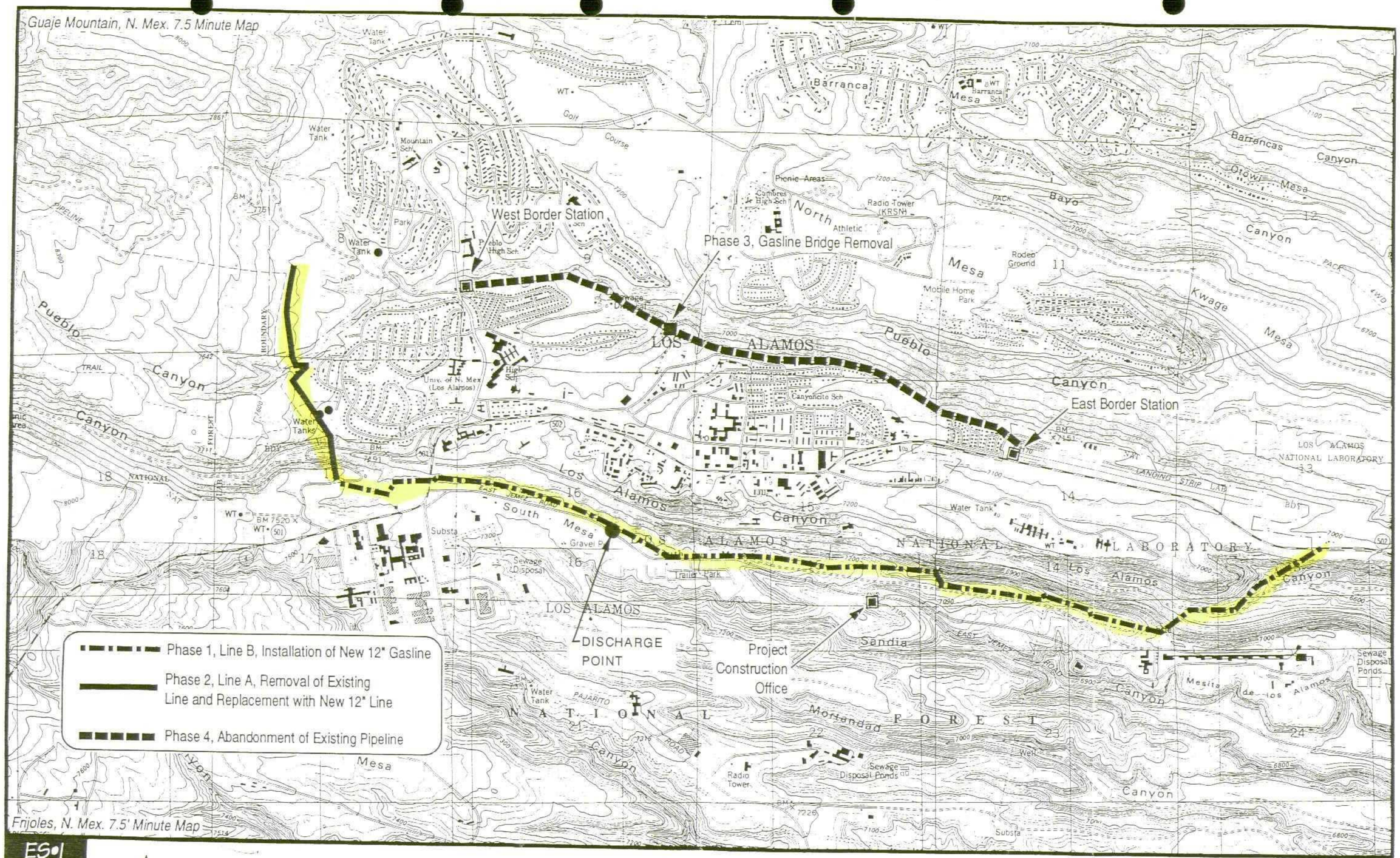
The following is provided in response to your verbal requests concerning the disposal of the water used to hyrdo-test the gasline on the referenced subject: the approx. 150,000 gallons of test water may be discharged into the sanitary sewer system in the vicinity of P.I. 34, near the water standpipe on the south side of East Jemez Road. Two conditions are tied to this: 1) that LANL be notified one day before the discharge is made so utility personnel can be present to open the manhole or lift station, and 2) that the water not be contaminated with chemicals, oil, or other constituents which would be harmful to the micro-organisms at the Sanitary Treatment Plant at TA-46.

In addition, this letter serves to confirm that removal of stumps from the gasline right-of-way is not required. The stumps may be left in place off the right-of-way along side the construction zone. It is expected that these stumps will help slow storm runoff, and help recover some wildlife habitat. Removal is at the Contractor's discretion. This allowance does not relieve Contractor of any other requirements related to "brushing".

Lee Le-Doux

Lee F. Le-Doux, Contracting Officer Representative

cc:
D. Lucero, FSS-8, LANL
G. Valenzuela, PMB, LAAO
P. Bellino, CPD, AL



ES01

Figure 1

Location of Project Phases, DOE Gas Line Replacement Project, Los Alamos, NM