



Robert Moser, MD, Secretary

Department of Health & Environment

Sam Brownback, Governor

August 12, 2011

CERTIFIED LETTER—RETURN RECEIPT REQUESTED

BER SCANNED
SEP 08 2011

Mr. Mark Sullivan
Southern Star Central Gas Pipeline, Inc.
13400 W 99th Street
Lenexa, Kansas 66215

**RE: NO FURTHER ACTION DETERMINATION FOR LAWRENCE TOWN BORDER DOU-16-2,
LAWRENCE, DOUGLAS COUNTY, KANSAS**

Name of Voluntary Party: Southern Star Central Gas Pipeline, Inc.
Legal Description of Property: SW ¼, SE ¼, Section 12, T 13S, R 19E
Property Location: East of intersection of H Street & T Street, North of 31st Street, Lawrence,
Douglas County, Kansas

Voluntary Agreement No. 10VCP0030

Dear Mr. Sullivan,

The Kansas Department of Health and Environment (KDHE) has completed its review of the available documents as of August 12, 2011 for the subject property. Based on the information presented in the documents, mercury in soil was tested for at the subject property. The attached determination summary identifies the nature and status of the contamination detected.

KDHE has evaluated the available documents for the subject property and has determined that mercury-impacted soil was removed from the subject property and properly disposed of in a licensed landfill during the investigation. Remaining mercury impacting the subject property is present at levels that do not exceed the KDHE-approved risk-based cleanup levels and KDHE has determined the contamination at the subject property does not pose a significant risk to human health or the environment. Therefore, pursuant to Kansas Statutes Annotated, K.S.A. 65-34-161 *et seq.*, KDHE declares that No Further Action is necessary at the subject property. This No Further Action determination is issued to Southern Star Central Gas Pipeline, Inc. and extends to its successors and assigns of the subject property. This determination is conditioned upon Southern Star Central Gas Pipeline, Inc. recording in the office of the Register of Deeds in and for Douglas County, KDHE's determination summary presenting investigation results and subsequent conclusions regarding potential contaminant impact at the subject property, the enclosed legal map showing property boundaries and this letter containing KDHE's No Further Action determination. **An affidavit (form enclosed) indicating that the enclosures have been attached to the property deed must be returned to KDHE prior to termination of the voluntary agreement.**

KDHE's No Further Action determination applies only to the subject property as identified on the attached map and is based exclusively on information provided to KDHE through August 12, 2011. This determination

pertains only to the identified known conditions on the subject property and does not account for activities that may be conducted at the subject property which could cause future releases of contaminants.

If you have any questions concerning KDHE's determination for no further action, please contact Project Manager, Andrea Schiller at (785) 296-0489 or legal counsel, Shari Feist-Albrecht at (785) 296-1607.

Sincerely,



Robert Moser, MD, Secretary
Kansas Department of Health and Environment

RM/ars

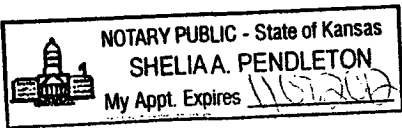
Attachments: KDHE No Further Action Determination Summary
Site map with legal description of boundaries
Affidavit form

cc: Rick Bean > Deanna Ross > Andrea Schiller > File (C4-023-72705, 2)
Shari Feist-Albrecht, KDHE-Legal
Julie Coleman > Tom Winn, KDHE-NEDO

State of Kansas)
County of Shawnee)

This instrument was acknowledged before me on August 30, 2011 by
Robert Moser, MD as Secretary of the
Kansas Department of Health and Environment.

[Signature]
Notary Public



My appointment expires: 11/07/2012

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
BUREAU OF ENVIRONMENTAL REMEDIATION
1000 SW Jackson, Suite 410
Phone: (785) 296-1673 Fax: (785) 296-7030

VOLUNTARY CLEANUP AND PROPERTY REDEVELOPMENT PROGRAM

NO FURTHER ACTION DETERMINATION SUMMARY

SUMMARY DATE: August 12, 2011

PROPERTY NAME: Lawrence Town Border DOU-16-2
East of intersection of H Street & T Street, North of 31st Street, Lawrence
SW ¼, SE ¼, Section 12, T 13S, R 19E, Douglas County, Kansas

PREPARED BY: Project Manager: Andrea Schiller Date: 8/12/11

REVIEWED BY: Unit Chief: *Seanna Ross* Date: 8/15/11

Section Chief: *[Signature]* Date: 8/18/11

CONTAMINANTS IDENTIFIED AT PROPERTY:

Soil: Mercury (CAS# 7439-97-6)

Groundwater: None

CONTAMINANTS EVALUATED AT PROPERTY:

Soil: Mercury (by EPA Method 7471A)

Groundwater: None

The Lawrence Town Border DOU-16-2 site (approximately 0.12 acres) is located east of the intersection of H Street and T Street in Lawrence, Douglas County, Kansas. The site is graveled, surrounded by a wooden fence, and consists of a meter building and shed. Land use surrounding the site is residential, with a mobile home park west and north of the site and a private residence east and south of the site. According to the KGS Water Well database, there are no domestic or lawn and garden wells located within the vicinity of the site.

In the mid-1990's, Southern Star Central Gas Pipeline (SSCGP), then Williams Natural Gas, identified numerous properties throughout Kansas as having the potential for mercury impacts due to the use of mercury manometers on pipelines and compressor stations. Under KDHE's mercury manometer program and Consent Order 96-E-0270, SSCGP characterized and subsequently

NO FURTHER ACTION DETERMINATION SUMMARY
Mark Sullivan – Lawrence Town Border DOU-16-2 property
August 12, 2011

remediated these identified sites. During that time, the Lawrence Town Border DOU-16-2 site was identified as potentially impacted and thus characterized. Soil grab samples were collected from depths of 0-6 inches (DOU-16-2-G Meter 1 and Meter 2) and 18-24 inches (DOU-16-2-G Meter 1 and Meter 2) underneath the location of each of the onsite meters. A composite soil sample (DOU-16-2-C) was collected from aliquots taken at 0-6 inches from each quadrant inside the meter house. Analytical results indicated mercury concentrations below the Risk-based Standards (RSKs) at each meter; however, the composite sample exceeded the residential soil RSK with a concentration of 5.3 mg/kg. Despite the noted elevated mercury concentration, the site was mistakenly not included with the remediation of the other SSCGP sites at the time.

In July 2010, SSCGP submitted an application to the Voluntary Cleanup and Property Redevelopment Program (VCPRP) to address the Lawrence Town Border DOU-16-2 site. Voluntary Cleanup Investigation (VCI) activities included soil samples collected from 0-6 inches (LAW-Meter-1A and 2A) and 18-24 inches (LAW-Meter-1B and 2B) underneath the former meter locations and from 0-6 inches (LAW-NW, LAW-SW, LAW-NE, and LAW-SE) from the previous aliquot locations to confirm the prior impacts. Mercury was detected in each soil sample, with three samples exceeding the residential soil RSK: LAW-SW (5.1 mg/kg), LAW-Meter-2A (8.1 mg/kg), and LAW-Meter-2A-Dup (6.5 mg/kg).

To complete delineation, further characterization of the impacted soil was conducted through excavation. Approximately 13 cubic yards of soil from the footprint of the meter building was removed by hand digging and use of a vacuum truck. Confirmation and verification samples collected from the excavation indicated no mercury remained at concentrations exceeding the residential RSK. The excavation was then backfilled and the excavated soil was disposed at Clean Harbors Lone Mountain landfill in Waynoka, Oklahoma.

In summary, mercury impacts at the Lawrence Town Border DOU-16-2 site have been adequately defined and addressed and no longer present a risk to human health or the environment. Mercury impacted soil was removed and properly disposed of as part of the delineation. Remaining mercury impacts are below the residential soil RSK. Also, as outlined in BER Policy BER-RS-034 *Mercury Contamination Characterization at Gas Pipeline Sites*, groundwater was not encountered during the soil sampling or excavation; therefore, groundwater samples were not collected as part of the VCI. Therefore, all requirements of the VCPRP have been met and a No Further Action has been issued for the site.

BOUNDARY DESCRIPTION

(Written by R. Gary Walker, LS 1066, 6-28-2011)

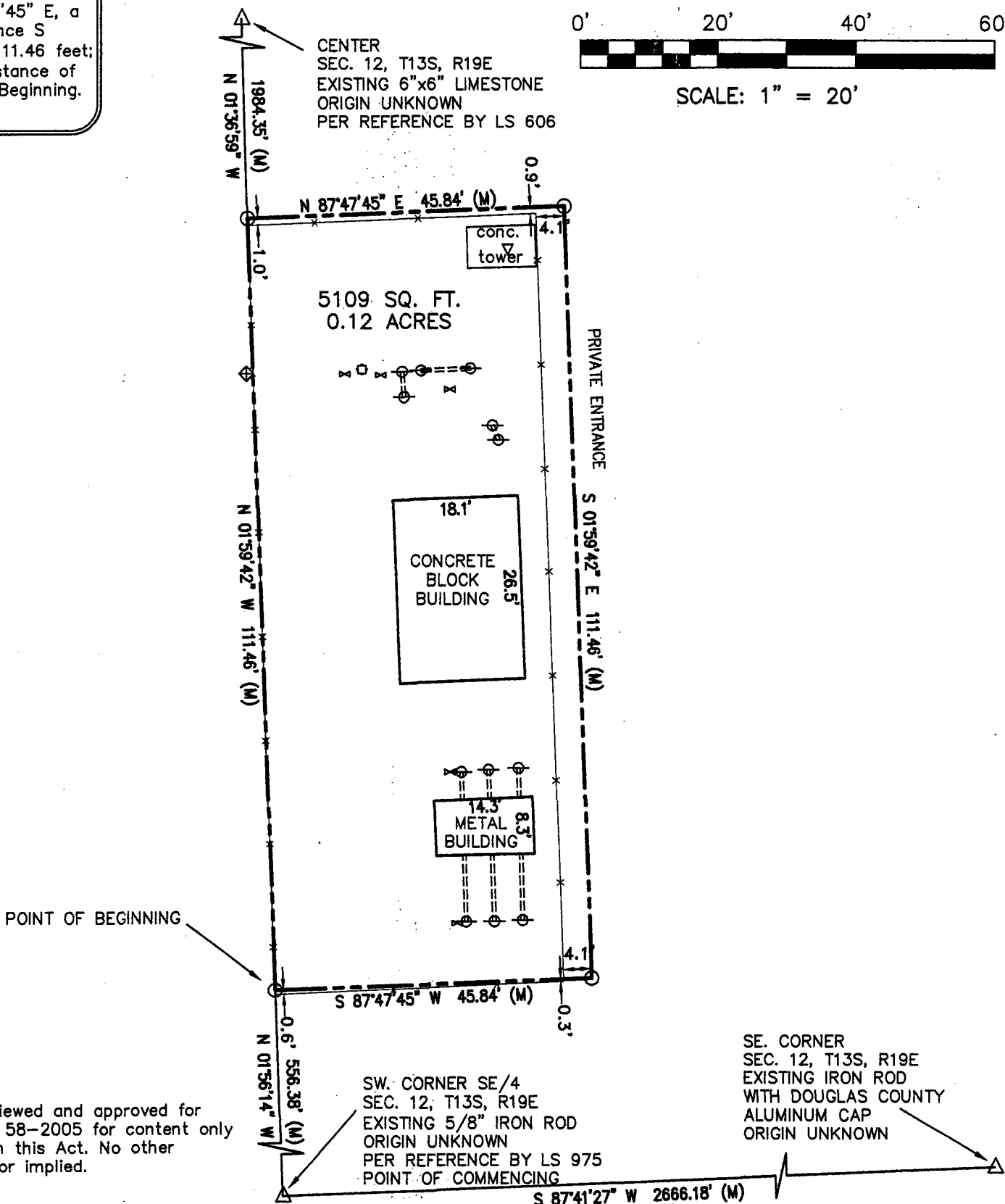
A tract of land located in a portion of the Southeast Quarter of Section 12, Township 13 South, Range 19 East of the 6th Principal Meridian, Douglas County, Kansas, being more particularly described as follows: Commencing at the Southwest corner of the Southeast Quarter of said Section 12; thence N 01°56'14" W, along the West line of said Southeast Quarter, a distance of 556.38 feet to the Point of Beginning; thence N 01°59'42" W, along said West line of the Southeast Quarter, a distance of 111.46 feet; thence N 87°47'45" E, a distance of 45.84 feet; thence S 87°47'45" W, a distance of 45.84 feet to the Point of Beginning. Encompassing 0.12 acres.

LEGEND

- Existing 1/2" Iron Rod Origin Unknown
- Set 1/2"x24" Iron Rod/Cap (unless otherwise noted)
- △ Section Corner
- Boundary Line
- Wood Fence
- (GLO) General Land Office
- (M) Measured Dimension
- (D) Deed Dimension
- R/W Right of Way
- Valve Box
- ⊕ 6" Pipe
- ⊗ 2" Valve
- ⊕ Pipe Line Marker



SCALE: 1" = 20'



SURVEY REVIEW

This survey has been reviewed and approved for filing, pursuant to K.S.A. 58-2005 for content only and is in compliance with this Act. No other warranties are extended or implied.

SURVEYOR'S CERTIFICATION

I, R. Gary Walker, a duly licensed Land Surveyor in the State of Kansas, do hereby certify that this plat was prepared from the notes of an actual on the ground field survey done by me or under my direct supervision on June 23, 2011 and that the information shown hereon is true and correct and meets or exceeds current Kansas Minimum Standards for Boundary Surveys.

R. Gary Walker
 R. Gary Walker, L.S. No. 1066
 LICENSED
 6-23-11 LS-101

SURVEYOR'S NOTES

1. The bearings shown hereon are based upon the Kansas State Plane Coordinate System, North Zone.
2. This survey does not reflect any easements, rights-of-way, or other instruments of record which may encumber this property per agreement with client.
3. Not all underground nor above ground utilities were located or shown on this survey.
4. All distances are measured unless otherwise noted.

CORNERSTONE REGIONAL SURVEYING, L.L.C.
 1921 N. Penn
 Independence, KS 67301
 Ph: 620-331-6767
 Fax: 620-331-6776

DRAWN BY: DAB	DATE: 6-28-2011	JOB NO. 1-1106107-K
CHECKED BY: RGW	REVISION DATE: N/A	REFERENCE JOB NO. N/A
PREPARED FOR: SOUTHERN STAR CENTRAL GAS PIPELINE, INC.		

BOUNDARY SURVEY of a portion of the SE/4 of SECTION 12, TOWNSHIP 13 SOUTH, RANGE 19 EAST of the 6th P.M. DOUGLAS COUNTY, KANSAS