

# ATTACHMENT A



a PPL company

Steven D. Samples  
Kentucky Public Service Commission  
221 Sower Boulevard  
P.O. Box 615  
Frankfort, Kentucky 40602

**Louisville Gas and  
Electric Company**  
Corporate Law Department  
220 West Main Street  
Louisville, Kentucky  
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Senior Corporate Attorney  
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December 14, 2011

**RE: Responses to Requests for Information Regarding December 6, 2011  
Incident at 5206 River Trail Place, Louisville, Kentucky**

*LG&E - K.U. com*

Dear Mr. Samples:

Please find enclosed documents responding to the verbal requests for information relating to the above referenced incident you made to Peter Clyde, Louisville Gas and Electric Company's (LG&E's) Manager, Gas Regulatory Compliance. Specifically, the following information is enclosed:

1. Odorant reading records for the last month ✓
2. Leak survey work report
3. Leaks found during leak survey within 400 feet of area of concern
4. Pressure test records of the 4-inch main and 2-inch main ✓
5. Recent odor complaints or leaks in the vicinity
6. Public awareness records
7. ~~Work orders and screen shots from crew onsite at time of incident~~ ✓
8. Time line of calls, tech activity and crew activity ✓
9. Drug test for results for three employees onsite ✓
10. Pressure test of service line ✓
11. Kenny Peavler qualifications records
12. Specifications for main (see No. 4 above) ✓
13. 811 Research

*Keith McBride Interview (NADLE)*

*Timeline*

You also requested a copy of laboratory failure analysis information. Such an analysis has not been performed. If one is performed as part of the investigation, LG&E will provide you with the resulting information.



a PPL company

Finally, you requested copies of the notes of Keith McBride, LG&E's investigator, from interviews with LG&E personnel. Mr. McBride's notes are protected as attorney work product. Please let me know if you would like a summary of the facts discussed in those interviews.

The enclosed information is indexed by tabs referred to on the next page. Please contact me with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim D...'. The signature is fluid and cursive, with a large loop at the beginning and a horizontal line at the end.

Enclosures

C: Peter Clyde  
Keith McBride  
Jay Warren  
Mededith Needham

- 1. Odorant reading records for the last month**
- 2. Leak survey work report**
- 3. Leaks found during leak survey within 400 feet of area of concern**
- 4. Pressure test records of the 4-inch main and 2-inch main**
- 5. Recent odor complaints or leaks in the vicinity**
- 6. Public awareness records**
- 7. Interview notes between Keith McBride, LMFD & LG&E employees onsite at time of incident [NOT PROVIDED]**
- 8. Work orders and screen shots from crew onsite at time of incident**
- 9. Time line of calls, tech activity and crew activity**
- 10. Drug test for results for three employees onsite**
- 11. Failure Analysis [NOT PROVIDED]**
- 12. Pressure test of service line**
- 13. Kenny Peavler qualifications records**
- 14. Specifications for main (see No. 4 above)**
- 15. 811 Research**



- 1. Odorant reading records for the last month**

DTEX Test Log

Test #:	00010	PRESTON & SOUTH PARK	User:	RICK REINERT
Test Start Date:	11-08-11	OD-21	Notes:	
Test Start Time:	09:58:56	LOCATION 2	DTEX Model:	DX1000G
TDL Result:	0.10%	LOUISLE	Serial Number:	00238
RDL Result:	0.61%	KY	Test Error Code:	**
Test Time (Sec):	14	Altitude (ft): 0	Test Temp (C):	20

↓  
Ready Detectable

DTEX Test Log

Test #:	00010	PRESTON & SOUTH PARK	User:	RICK REINERT
Test Start Date:	11-16-11	OD-21	Notes:	
Test Start Time:	10:09:20	LOCATION 2	DTEX Model:	DX1000G
TDL Result:	0.09%	LOUISLE	Serial Number:	00238
RDL Result:	0.71%	KY	Test Error Code:	**
Test Time (Sec):	16	Altitude (ft): 0	Test Temp (C):	18



Readily Detectable.

DTEX Test Log

Test #:	00010	PRESTON & SOUTH PARK	User:	RICK REINERT
Test Start Date:	11-21-11	OD-21	Notes:	
Test Start Time:	10:03:11	LOCATION 2	DTEX Model:	DX1000G
TDL Result:	0.11%	LOUISLLE	Serial Number:	00238
RDL Result:	0.66%	KY	Test Error Code:	**
Test Time (Sec):	19	Altitude (ft): 0	Test Temp (C):	18

↓  
*Readily Detectable*

DTEX Test Log

Test #:	00009	PRESTON & SOUTH PARK	User:	JOHN BOGGS
Test Start Date:	11-30-11	OD-21	Notes:	
Test Start Time:	08:46:13	LOCATION 2	DTEX Model:	DX1000G
TDL Result:	0.08%	LOUISLE	Serial Number:	40667
RDL Result:	0.08%	KY	Test Error Code:	**
Test Time (Sec):	12	Altitude (ft): 0	Test Temp (C):	21

↓  
*Readily Detectable*

## **2. Leak survey work report**

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# Northern Bullitt Update- PreWalk

Plot Date 01/04/2011

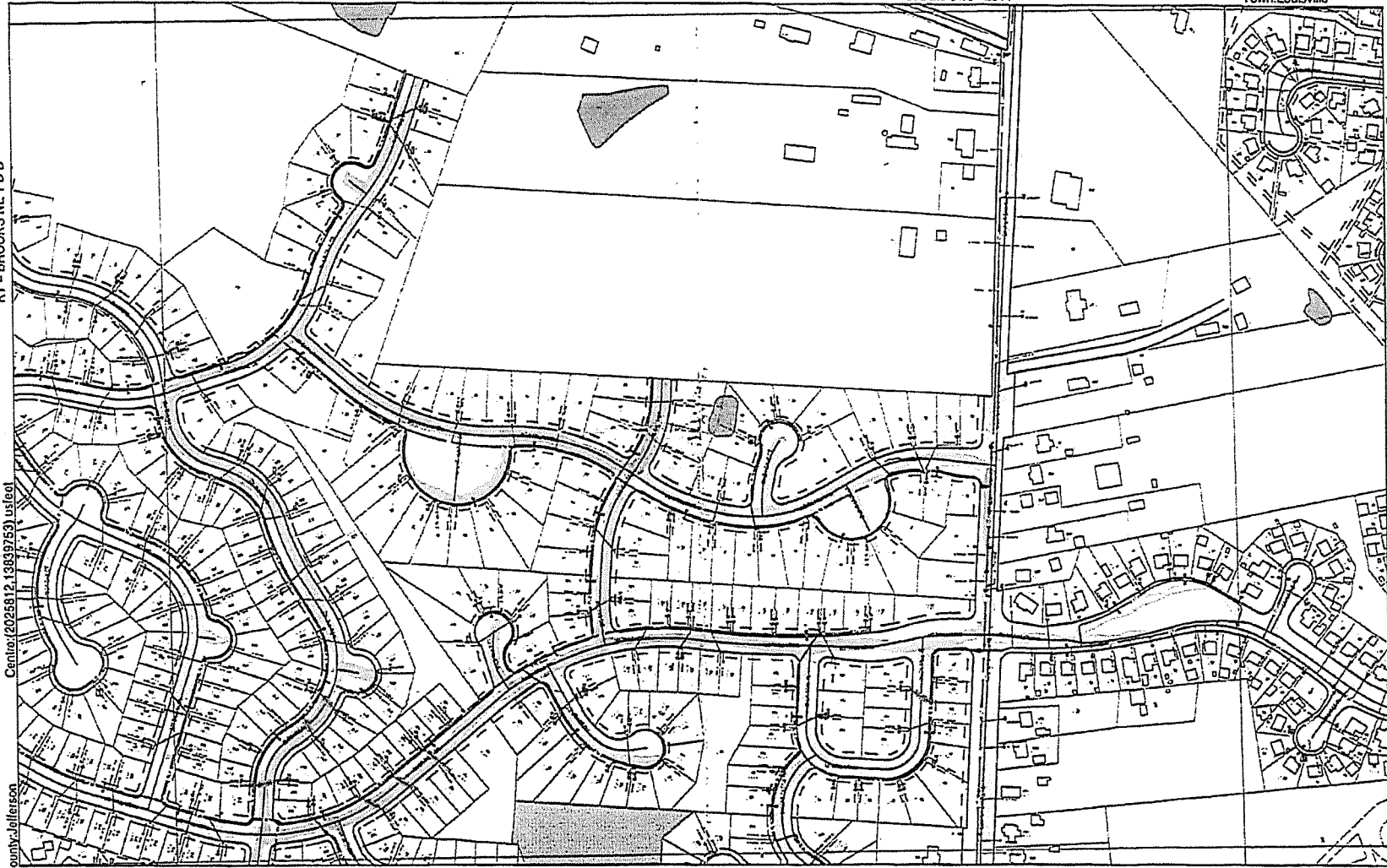
Town: Louisville

DATE: 01/04/2011 10:00 AM  
BY: J. H. HARRIS  
PROJECT: KY - BROOKS NE 1 DB

KY - BROOKS NE 1 DB

PROJECT: KY - BROOKS NE 1 DB  
DATE: 01/04/2011 10:00 AM  
BY: J. H. HARRIS

County: Jefferson  
Contract: (20258)12.13839753) usfeol



Scale 1:2500

ICE (U)

Page 1

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# Leak Survey Work Report

Survey Type: SHEPHERDSVILLE/NORTHERN BULLITT CO.

Company Performing Survey: Surveys & Analysis

Date	Color	Technician Signature	Technician #
4-8-11	[blacked out]	<i>[Signature]</i>	098644
4-16-11	[blacked out]	<i>[Signature]</i>	098644

Note: Highlight piping surveyed on accompanied map. A different color highlighter should be used each day and a different color should be used by each technician working on the same map. Technician MUST SURVEY services up to the outlet of the regulator for this survey.  
rev: 8/18/08

SHEPHERDSVILLE/NORTHERN BULLITT CO. - SHEPHERDSVILLE



# North Bullitt rate - 1<sup>st</sup> Pressure Increase

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Plot Date 01/04/2011

Town: Louisville

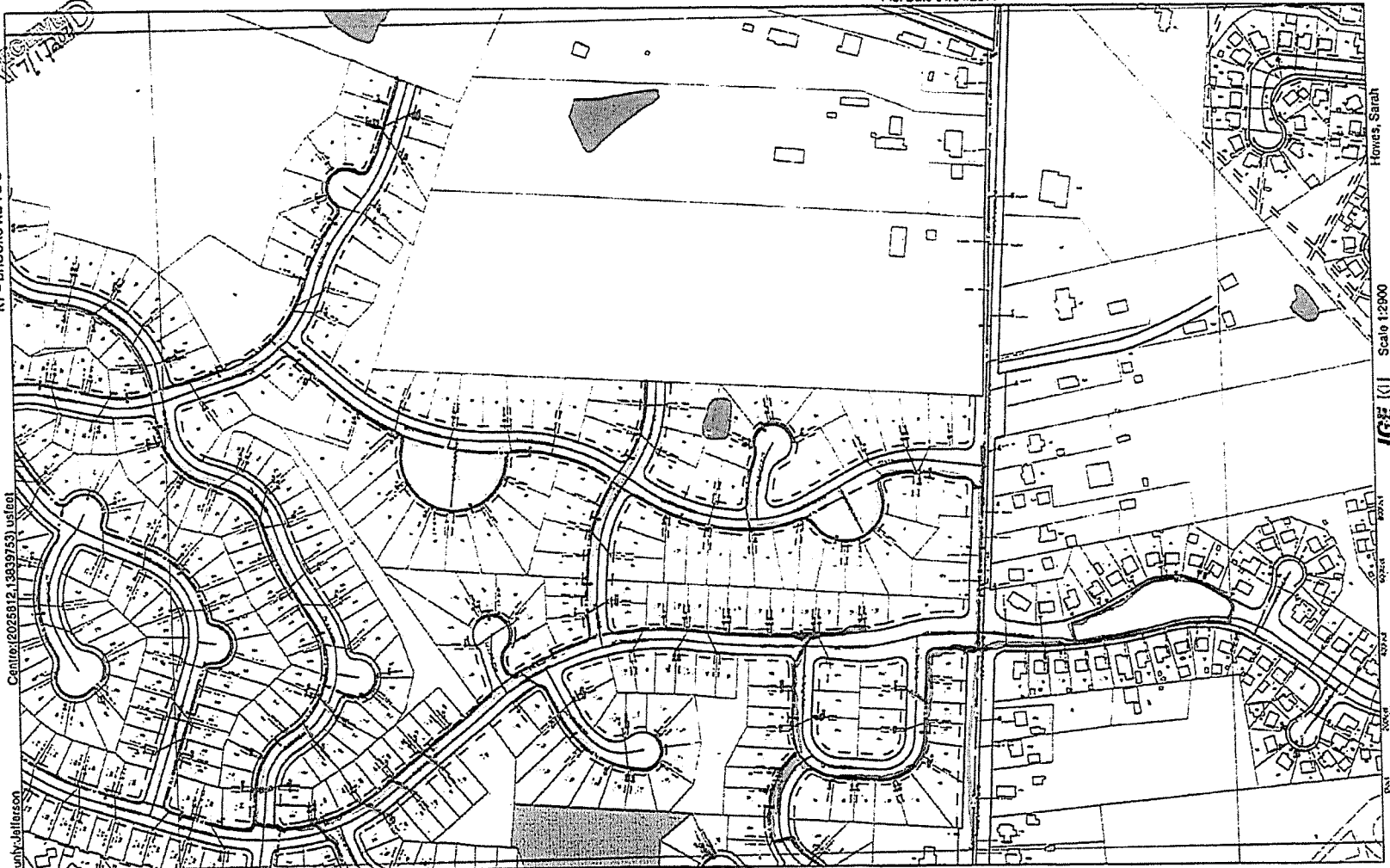
RECEIVED  
FEB 14 2011

County: Jefferson  
KY - BROOKS NE 1 DB

Center: (2025812, 13939753) usfeet

Vertical Scale: 1 inch = 100 feet  
Horizontal Scale: 1 inch = 100 feet  
Projection: NAD 83 UTM Zone 18N  
Datum: NAD 83  
Units: US Feet

Vertical Scale: 1 inch = 100 feet  
Horizontal Scale: 1 inch = 100 feet  
Projection: NAD 83 UTM Zone 18N  
Datum: NAD 83  
Units: US Feet



Scale 1:2000

Scale 1:2000

Scale 1:2000

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## Leak Survey Work Report

Survey Type: UPRATE - SHEPHERDSVILLE/NORTHERN BULLITT CO.

Company Performing Survey: Surveys & Analysis

Date	Color	Technician Signature	Technician #
6/29/17	Blue	[Handwritten Signature]	97960
6/30/17	Red	[Handwritten Signature]	97960

Note: Highlight piping surveyed on accompanied map. A different color highlighter should be used each day and a different color should be used by each technician working on the same map. Technician MUST SURVEY services up to the outlet of the regulator for this survey.

rev. 2/12/03

SHEPHERDSVILLE
NORTHERN BULLITT CO.
5210 N. BULLITT RD.
SHEPHERDSVILLE, KY 40363  
 File: Leak Survey Work Report.xls

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# North Bullitt Update - 2nd Increase

Plot Date 01/04/2011

Town: Louisville

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UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN FEET AND DECIMALS THEREOF. DIMENSIONS SHALL BE TO THE CENTERLINE OF THE ROADWAY UNLESS OTHERWISE SPECIFIED.

KY - BROOKS NE 1 D B

Centre: (2025812, 13833753) usfeet

County: Jefferson



Howes, Sarah

Scale 1:2800



FIG. 1

The information contained herein is to be used for informational purposes only. It is not a contract. The user shall be responsible for verifying the accuracy of the information and for obtaining necessary permits and approvals from the appropriate agencies. The information is provided as is, without warranty, and is furnished solely for the convenience of the contractor using it.

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## Leak Survey Work Report

Survey Type: UPRATE - SHEPHERDSDVILLE/NORTHERN BULLITT CO.

Company Performing Survey: Surveys & Analysis

Date	Color	Technician Signature	Technician #
7/27/11	---	<i>Rob Shoup</i>	97316
7/28/11	---	<i>Rob Shoup</i>	97316
8/3/11	---	<i>Rob Shoup</i>	97316

Note: Highlight piping surveyed on accompanied map. A different color highlighter should be used each day and a different color should be used by each technician working on the same map. Technician MUST SURVEY services up to the outlet of the regulator for this survey.

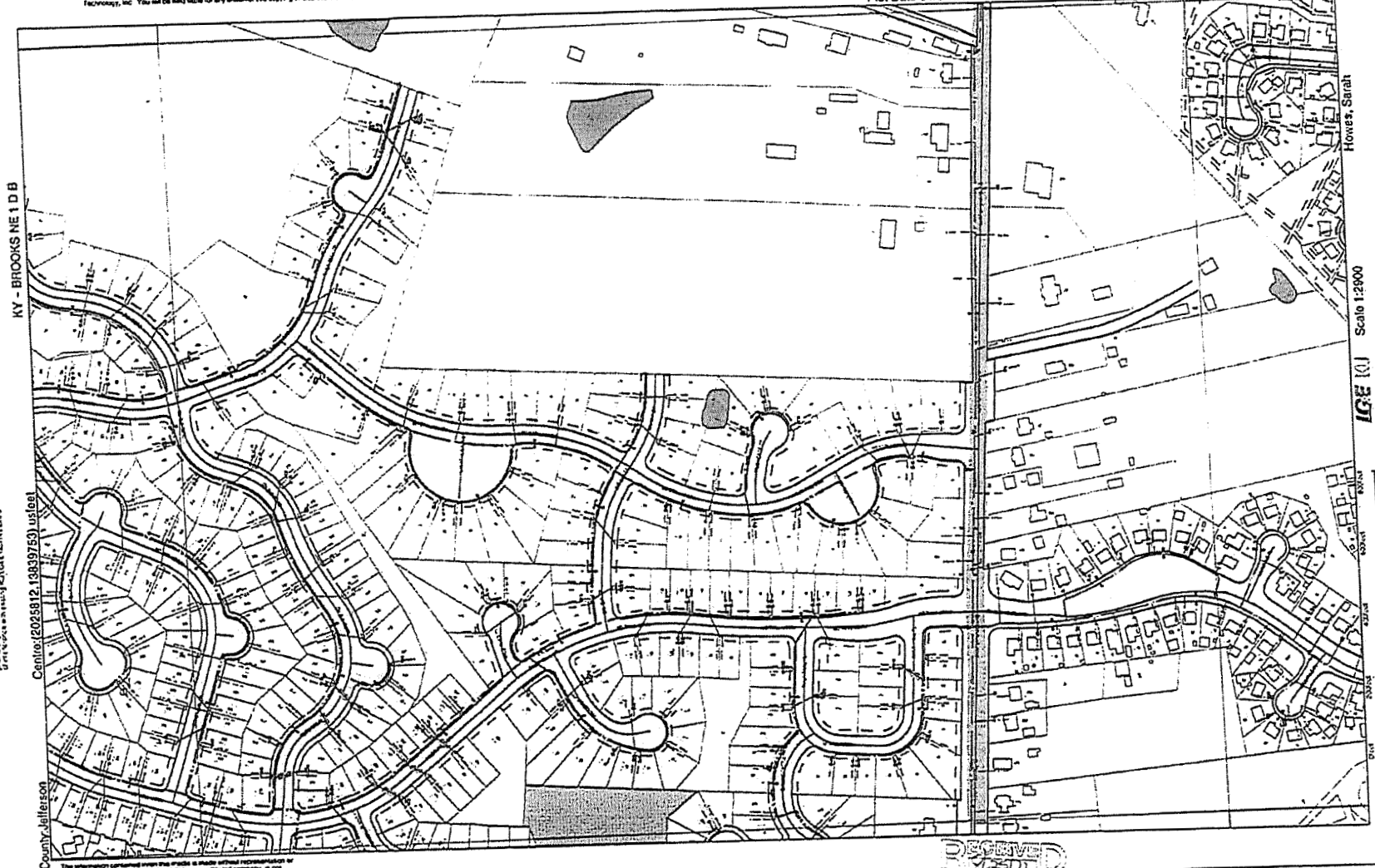
rev. 11/23/11

# North Bullitt rate-3rd Pressure Increase

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Plot Date 01/04/2011

Town: Louisville



KY - BROOKS NE 1 D B

Centrix (2025812, 13839753) us:tel

County: Jefferson

ICE (0) Scale 1:2900

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DESIGNED BY  
DATE

# Leak Survey Work Report

Survey Type: UPRATE - SHEPHERDSVILLE/NORTHERN BULLITT CO.

Company Performing Survey: Surveys & Analysis

Date	Color	Technician Signature	Technician #
8/22/11		<i>[Signature]</i>	097316
8/23/11		<i>[Signature]</i>	097316
8/24/11	<del>_____</del>	<i>[Signature]</i>	097316

Note: Highlight piping surveyed on accompanied map. A different color highlighter should be used each day and a different color should be used by each technician working on the same map. Technician MUST SURVEY services up to the outlet of the regulator for this survey.

rev. 8/18/08

SHEPHERDSVILLE  
NORTHERN BULLITT CO.

### **3. Leaks found during leak survey**

# LG&E Leak Survey Reporting Form

Date: 02 27 2011

Sub-Detail: W. 5th Street - 2nd St. Block 16-10-E

Street Number: 225

Street Name: W. 5th Street - 2nd St. Block 16-10-E

Apt.  
 Bldg.  
 Lot  
 Unit  
 Suite  
 Garage  
 Outbldg. #   

City: Wichita, KS

Zip Code: 67212

Intersection: \_\_\_\_\_  
 Intersection: \_\_\_\_\_

Work Request #   

SYS ID # 4181639161912

Leak Grade:  1    2    3

CGI Serial #: 6280

Employee # 092815

**Occurred On:**

- |   |  |  |   |   |
|---|--|--|---|---|
| <input type="radio"/> 401 Company Measurement & Regulation            | <input type="radio"/> 404-H Company Meter Loop - Handbuilt | <input type="radio"/> 405 Customer Service | <input type="radio"/> 406 Main (Pressure _____)             | <input type="radio"/> 411 Wells & Processing Facilities |
| <input checked="" type="radio"/> 403 Company Service (Pressure _____) | <input type="radio"/> 404-P Company Meter Loop - Prefab.   | <input type="radio"/> 407 Houseline        | <input type="radio"/> 409-N Customer Meter Loop - Handbuilt | <input type="radio"/> 413 Customer Appliance            |
|   |  |  | <input type="radio"/> 409-P Customer Meter Loop - Pro-Fab   |   |

- Part:**
- |   |                                    |  |  |  |
|---|------------------------------------|--|--|--|
| <input type="radio"/> 501 Cast Iron Joint | <input type="radio"/> 504 Meter    | <input type="radio"/> 507 Regulator      | <input type="radio"/> 512 Weld                   | <input type="radio"/> 523 Blow Down                          |
| <input type="radio"/> 502 Drip            | <input type="radio"/> 505 Manifold | <input type="radio"/> 510 Tap Connection | <input type="radio"/> 519 Third Party Water Well | <input type="radio"/> 527 Riser                              |
| <input type="radio"/> 503 Fitting         | <input type="radio"/> 508 Pipe     | <input type="radio"/> 511 Valve          | <input type="radio"/> 520 Third Party Gas Well   | <input type="radio"/> 508 Service Head Adapter (Type: _____) |

- Cause:**
- |   |   |   |  |  |
|---|---|---|--|--|
| <input type="radio"/> 602 Corrosion       | <input type="radio"/> 605 Weld or Fusion    | <input type="radio"/> 609 Human Error     | <input type="radio"/> 612 Vandalism                    | <input type="radio"/> 615 Third Party Damage Delayed |
| <input type="radio"/> 603 Material Defect | <input type="radio"/> 607 Equipment         | <input type="radio"/> 610 Earth Movement  | <input type="radio"/> 613 Material Deterioration       |  |
|   | <input type="radio"/> 608 Fire or Explosion | <input type="radio"/> 611 Weather Related | <input type="radio"/> 614 Third Party Damage Immediate |  |

Number of Meters: 1    Meter Number: 657888    Service Number: 426391

Meter Condition:  Needs Protection (3 ft.)    Touching Ground    Rusty    Tree In Loop    Trees/Bushes Obstructing

Gas Left:  On    Off at Street    Off at Meter    Gas Off:   :  :      Meter Type:  Commercial    Rotary

Action:  Marked with Paint    Turned over to Crew -# \_\_\_\_\_    Installed Clamp    Card:  On Door    To Customer    Mailed

**Location Remarks/Instructions:**

NOTE: GAS IS OFF AT STREET. METER IS AT 225 W. 5TH STREET - 2ND ST. BLOCK 16-10-E



- 4. Pressure test records of the 4-inch main and 2-inch main**

394988

LOUISVILLE GAS AND ELECTRIC COMPANY  
GAS CONSTRUCTION AND MAINTENANCE MAIN WORK REPORT TAX 37

DATE: \_\_\_\_\_  
TIME: \_\_\_\_\_

GASWD 416238 FMIS Y25160A WOTYPE M1 CREW: 937 WORK REQUESTED: \_\_\_\_\_  
SPECIAL INFO \_\_\_\_\_

LOC GRANT RUN RD

BETWEEN: \_\_\_\_\_ AND \_\_\_\_\_ REQUESTED BY: \_\_\_\_\_ PHONE: \_\_\_\_\_

CITY: \_\_\_\_\_ ST: \_\_\_\_\_ MAP PAGE: 452-826 MW

LEAK INFO: GRADE: \_\_\_\_\_ FED LAND: \_\_\_\_\_ SYSTEM: \_\_\_\_\_  
OCCURRED ON: \_\_\_\_\_ PART: \_\_\_\_\_ CAUSE: \_\_\_\_\_

EXISTING MAIN# \_\_\_\_\_ SIZE \_\_\_\_\_ " MAT \_\_\_\_\_ SOIL TYPE \_\_\_\_\_  
COAT COND: \_\_\_\_\_ EXTERNAL: \_\_\_\_\_ PIT DEPTH: \_\_\_\_\_ PIT DIA: \_\_\_\_\_  
INTERNAL: \_\_\_\_\_ PIT DEPTH: \_\_\_\_\_ PIT DIA: \_\_\_\_\_

MAIN #: 394988 SIZE: 00.02 " PRESS: MP.

PIPE TO SOIL POTENTIAL: \_\_\_\_\_ MV PART TESTED: \_\_\_\_\_

MAT: PL LENGTH: 190' DEPTH: 3'

PIPE TO SOIL POTENTIAL: \_\_\_\_\_ MV PART TESTED: \_\_\_\_\_

LOC: 4 N OF N<sup>51</sup>L GRANT RUN RD

TEST STATION(S) INSTALLED: \_\_\_\_\_ ANODE(S) INSTALLED: \_\_\_\_\_

COMMENCES: 6 N OF N<sup>51</sup>L GRANT RUN RD

NUMBER OF CUTS: \_\_\_\_\_ TYPE: \_\_\_\_\_ SIZE: \_\_\_\_\_ X

TEE 4 W OF W<sup>51</sup>L River Trail Place

WORK PERFORMED: \_\_\_\_\_ REMARKS: \_\_\_\_\_

TERMINATES: 4 N OF N<sup>51</sup>L GRANT RUN RD

REMARKS: This is a joint Trench Project.

CAP. 2 E OF W<sup>51</sup>L LOT 98

DATE: 3 12 101 ARRIVED: \_\_\_\_\_ DEPARTED: \_\_\_\_\_

PIPE JOINT TYPE: BHF TEST PRESSURE: 100# UNIT: \_\_\_\_\_

GAS OFF: \_\_\_\_\_ GAS ON: \_\_\_\_\_ LOST TIME: \_\_\_\_\_

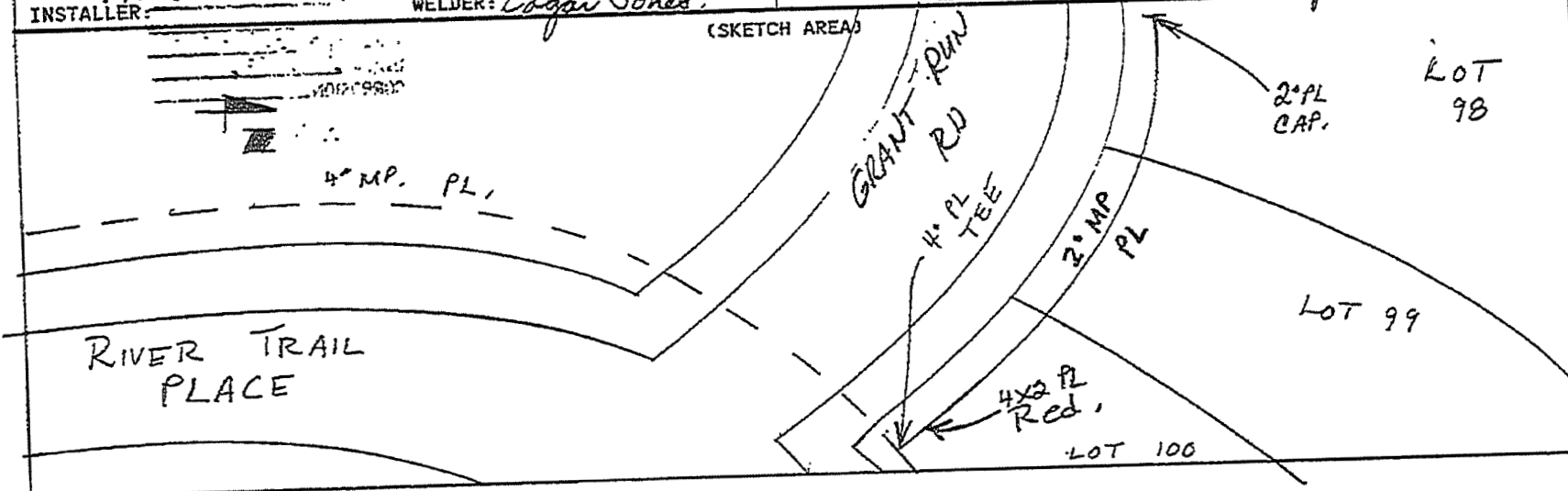
MEDIUM: Air DURATION: 24 hr. RESULTS: Good

COMPLETED: Y N WEATHER: FAIR INCLEMENT SEVERE

CONT Fisher Co. FOREMAN: Jim McQuinn

EMPLOYEE ID: 1910 - Ned Campbell

INSTALLER: \_\_\_\_\_ WELDER: Edgar Jones



7394985

LOUISVILLE GAS AND ELECTRIC COMPANY  
GAS CONSTRUCTION AND MAINTENANCE MAIN WORK REPORT TAX 37

DATE: \_\_\_\_\_  
TIME: \_\_\_\_\_

GASNO 416238 FMIS Y25161A WOTYPE M1 CREW 937

WORK REQUESTED: \_\_\_\_\_

LOC Indian Falls Phase 3

SPECIAL INFO \_\_\_\_\_

BETWEEN: \_\_\_\_\_ AND \_\_\_\_\_

REQUESTED BY: \_\_\_\_\_ PHONE: \_\_\_\_\_

CITY: \_\_\_\_\_ ST: \_\_\_\_\_ MAP PAGE: 452-826MTW

LEAK INFO: GRADE: \_\_\_\_\_ FED LAND: \_\_\_\_\_ SYSTEM: \_\_\_\_\_

EXISTING MAIN# \_\_\_\_\_ SIZE \_\_\_\_\_" MAT \_\_\_\_\_ SOIL TYPE \_\_\_\_\_

OCCURRED ON: \_\_\_\_\_ PART: \_\_\_\_\_ CAUSE: \_\_\_\_\_

COAT COND: \_\_\_\_\_ EXTERNAL: \_\_\_\_\_ PIT DEPTH: \_\_\_\_\_ PIT DIA: \_\_\_\_\_

MAIN #: 7394985 SIZE: 00.04" PRESS: M.P.

INTERNAL: \_\_\_\_\_ PIT DEPTH: \_\_\_\_\_ PIT DIA: \_\_\_\_\_

MAT: PL LENGTH: 112.5' DEPTH: 3'

PIPE TO SOIL POTENTIAL: \_\_\_\_\_ MV PART TESTED: \_\_\_\_\_

LOC: 4 S OF 5 1/4 River Trail Place

PIPE TO SOIL POTENTIAL: \_\_\_\_\_ MV PART TESTED: \_\_\_\_\_

4 Williamson  
COMMENCES: 44 W OF 4L River Trail Dr.

TEST STATION(S) INSTALLED: \_\_\_\_\_ ANODE(S) INSTALLED: \_\_\_\_\_

3way T  
21 N OF 9L Cooper Chapel Rd.

NUMBER OF CUTS: \_\_\_\_\_ TYPE: \_\_\_\_\_ SIZE: \_\_\_\_\_ X

4 PL  
TERMINATES: 61 N OF 5 PL LOT 146 River Trail Dr

WORK PERFORMED: \_\_\_\_\_ REMARKS: \_\_\_\_\_

Tee  
4 E OF 9L River Trail Drive

This is a Joint Trench Project.

PIPE JOINT TYPE: BHF TEST PRESSURE: 100# UNIT: \_\_\_\_\_

DATE: 2 12 7 01 ARRIVED: \_\_\_\_\_ DEPARTED: \_\_\_\_\_

MEDIUM: Air DURATION: 24 hr. RESULTS: Good

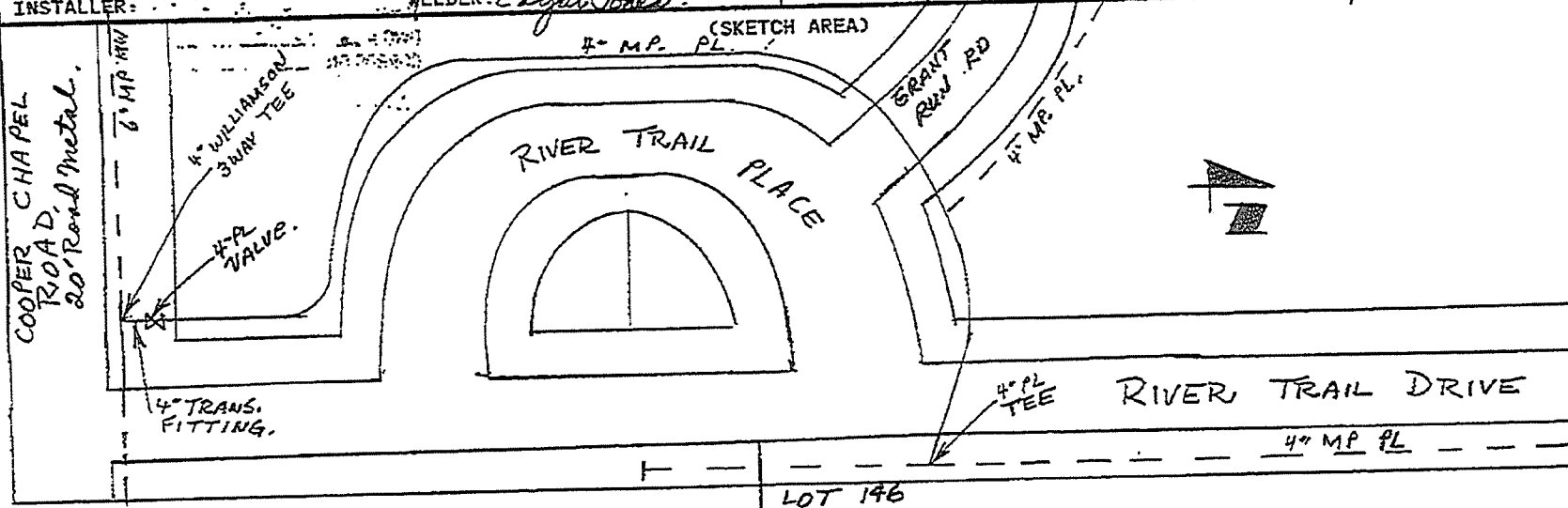
GAS OFF: \_\_\_\_\_ GAS ON: \_\_\_\_\_ LOST TIME: \_\_\_\_\_

CONT Fiskel Co. FOREMAN: Jim McQuinn

COMPLETED: Y N WEATHER: FAIR INCREMENT SEVERE

INSTALLER: \_\_\_\_\_ WELDER: E Logan Jones

EMPLOYEE ID: 1910 - Red Campbell





Louisville Gas and Electric Company  
P. O. Box 92020  
Louisville, Kentucky 40232

PLASTIC PIPELINE DATA SHEET

FOR H.P. GAS MAINS

PART I, DESIGN DATA:

1. Designation INDIAN FALLS (PHASE 3)
2. Terminal Points or Location \_\_\_\_\_
3. Work Order Number Y-25160-A  
Y-25161-A
4. Normal Operating Pressure 35 PSIG
5. Class Location: 3
6. Pipe Data:

Size	2"	4"	6"
Wall	0.216(SDR 11)	0.395(SDR 11.5)	0.576(SDR 11.5)
Grade (ASTN D-2513)	PE 2406	PE 2406	PE 2406
HDB (PSI)	1250	1250	1250
Max Des Press @ 32% HDB (PSIG)	80	76	76
Length	<u>1500'</u>	<u>2100'</u>	
Material	Plastic	Plastic	Plastic
7. Valve Rating (SDR 11) 80 PSIG G
8. Maximum Allowable Pressure 60 PSIG  
Based on Customer Service Valve Rating
9. Test Req'd: A. Pressure 100 PSIG  
B. Duration 4 Hrs.  
C. Medium Air
10. Type Tracing Wire #10 AWG Copper Stranded (White) with Magnesium Anode
11. Additional Information \_\_\_\_\_

I certify, to the best of my knowledge, that all components of this facility are designed in accordance with all codes and regulation applicable to this installation.

Shawn J. Hillman  
Engineer

November 6, 2008  
Date



Louisville Gas and Electric Company  
 P O Box 32020  
 Louisville, Kentucky 40232

416238

GAS PIPELINE DATA SHEET  
 FOR STEEL OR PLASTIC MAIN

PART II, CONSTRUCTION DATA:

1. Designation INDIAN FALLS (PHASE 3)
2. Terminal Points or Location \_\_\_\_\_
3. Work Order Number Y 25160-A  
Y-25161-A
4. Main Report Number \_\_\_\_\_
5. Construction Drawing Number D-15837
6. Date In Service 4-26-01
7. Construction Contractor Fiskel Co.
8. X-Ray Contractor \_\_\_\_\_
9. Test Applied:
  - A. Pressure 100 PSIG, \_\_\_\_\_ % SMYS
  - B. Duration 24 Hrs.
  - C. Medium Air
  - D. Results Test was good
10. Max. Intended Operating Pressure \_\_\_\_\_ PSIG
11. Welds X-Rayed, \_\_\_\_\_ % of Butt Welds Made Each Day
12. Pipe Identification (Required) 4" PD 12 NOV 00  
2" PL - other 01 Pack 0130, 129, 128
13. Additional Information Fusion P at Shurtznessy

I certify, to the best of my knowledge, that all components of this facility are constructed in accordance with all codes and regulations applicable to this installation.

Dick Campbell, 4-26-01  
 Construction Supervisor Date

**5. Recent odor complaints or leaks in the vicinity**

	Map ID	Address	WR	System	Date Originated	Date Completed	Remarks	Status
Pre-event	2	5129 QUEENS CASTLE RD LOT 98 LOUISVILLE, KY 402291794	151106	DARTS	4/7/2011	4/7/2011	Order Comments: Tightened brass union on pre-fabricated meter loop	Complete
	3	5204 RIVER TRAIL PL LOT 102 LOUISVILLE, KY 402295207	153113	DARTS	5/13/2011	5/13/2011	Order Comments: Controls on furnace leaking through, turned off at supply valve and informed customer to have serviced by tech. No other leaks found.	Complete
	4	9919 RIVER TRAIL DR LOT 146 LOUISVILLE, KY 402291792	158276	DARTS	8/26/2011	8/26/2011	Order Comments: No leaks found. Meter isn't attached to house. Vacant house. Gas was already off with lock and disc.	Complete
	5	9917 RIVER TRAIL DR LOT 145 LOUISVILLE, KY 402291792	159894	DARTS	9/27/2011	9/27/2011	Order Comments: Fire dept has TF gas at meter before arrived. I installed disk at 12:48 PM. Advised Tom Murphy that 2 people had been transported to hospital due to fire. Fire dept. didn't give any additional info.	Complete
	<del>6</del>	<del>5200 RAINMAKER CT LOT 118 LOUISVILLE, KY 402295211</del>	<del>161048</del>	<del>DARTS</del>	<del>10/20/2011</del>	<del>10/20/2011</del>	<del>Order Comments: H/L tested good - foil</del>	<del>Complete</del>
	<del>6</del>	<del>5200 RAINMAKER CT LOT 118 LOUISVILLE, KY 402295211</del>	<del>G000002122</del>	<del>MOBILE</del>	<del>10/28/2011</del>	<del>10/28/2011</del>	<del>Order Comments: customer states water heater wont stay lit, says meter was replaced 10/19 every day they have to relight the heater. Crew Comments: W/h not staying lit after meter change on 10/19. Checked pressure @ loop ok, attempted to light w/h, getting gas to pilot but not staying lit. Other appliances working properly. Job to go to Southern Plumbing to replace thermocouple.</del>	<del>Complete</del>
	1	5125 QUEENS CASTLE RD LOT 431 LOUISVILLE, KY 402291794	2976135	STORMS	7/27/2011	10/31/2011	Order Comments: Dug up found leak on cap at tee tightened cap soaped out all fittings no other leaks found.	Complete
	<del>6</del>	<del>5200 RAINMAKER CT LOT 118 LOUISVILLE, KY 402295211</del>	<del>G000002385</del>	<del>MOBILE</del>	<del>10/31/2011</del>	<del>10/31/2011</del>	<del>Order Comments: Crew Comments: called southern plumbing to make repairs they were out there 10-28 -2011 to replace the thermocouple turn back over to them due to customer still having problems with water heater</del>	<del>Cancelled</del>
	<del>6</del>	<del>5200 RAINMAKER CT LOT 118 LOUISVILLE, KY 402295211</del>	<del>G000002386</del>	<del>MOBILE</del>	<del>10/31/2011</del>	<del>10/31/2011</del>	<del>Order Comments: Crew Comments: dup ticket see ticket G000002385 for info</del>	<del>Cancelled</del>
	Event		5202 RIVER TRAIL PL LOT 103 LOUISVILLE, KY 402295207	G000006331	MOBILE	12/6/2011	12/6/2011	Order Comments: States not smelling it in home at all it is outside Crew Comments: no leak at this address-odor from leak on main at Intersection of River Trail Pl. and Queens Castle Blvd.-advised party-notified supervisor and turned over to const.-called BUD-const. on job at 6:52 am.
		5202 RIVER TRAIL PL LOT 103 LOUISVILLE, KY 402295207	G000006332	MOBILE	12/6/2011	12/6/2011	Order Comments: States not smelling it in home at all it is outside-cancel, duplicate ticket. Crew Comments: cancel, duplicate ticket.	Cancelled
		5202 RIVER TRAIL PL LOT 103 LOUISVILLE, KY 402295207	ADV1000000000000400	MOBILE	12/6/2011	12/8/2011	Order Comments: States not smelling it in home at all it is outside Crew Comments: arrived on job met kenny pebbler on job this address was not correct for leak so thats why we are canceling this work order leak was at queens castle and river trail we arrived at aprox. 640 am while talking job over with kenny we found gas blowing by water meter at 5133 queens castle .we started planning a squeeze off plan while waiting on bud locates I went back to the truck to pull up measurements on main fittings in the area of the leak when i reached the truck the house at 5206 river trail	Cancelled
		5202 RIVER TRAIL PL LOT 103 LOUISVILLE, KY 402295207	G000006334	MOBILE	12/6/2011	12/6/2011	Order Comments: *fire in the sewer system requesting gas supervisor-cancel, already on scene w previous ticket.	Cancelled

\*\*Stricken items are not leak or odor issues.

## LG&E Leak Survey Reporting Form

Date: 1 2 0 8 1 1

Sub-Detail: \_\_\_\_\_

Street Number: 5 2 1 2

Street Name: R I V E R T R A I L P L A C E

Apt.  Bldg.  Lot  Unit  Suite  Garage  Outbldg. #     

City: L O U I S V I L L E

Zip Code: 4 0 2 2 9

Intersection: \_\_\_\_\_  
Intersection: \_\_\_\_\_

Work Request # \_\_\_\_\_

SYS ID # 4 8 6 4 1 3 7 2

Leak Grade:  1  2  3

CGI Serial #: 3195

Employee # 0 9 8 6 5 1

**Occurred On:**

- 401 Company Measurement & Regulation   
  404-H Company Meter Loop - Handbuilt   
  405 Customer Service   
  406 Main (Pressure \_\_\_\_\_)   
  411 Wells & Processing Facilities  
 403 Company Service (Pressure \_\_\_\_\_)   
  404-P Company Meter Loop - Prefab.   
  407 Houseline   
  409-H Customer Meter Loop - Handbuilt   
  413 Customer Appliance  
 409-P Customer Meter Loop - Pre-Fab

- Part:**  501 Cast Iron Joint   
  504 Meter   
  507 Regulator   
  512 Weld   
  523 Blow Down  
 502 Drip   
  505 Manifold   
  510 Tap Connection   
  519 Third Party Water Well   
  527 Riser  
 503 Fitting   
  506 Pipe   
  511 Valve   
  520 Third Party Gas Well   
  508 Service Head Adapter (Type: \_\_\_\_\_)

**Cause:**

- 602 Corrosion   
  605 Weld or Fusion   
  609 Human Error   
  612 Vandalism   
  615 Third Party Damage Delayed  
 603 Material Defect   
  607 Equipment   
  610 Earth Movement   
  613 Material Deterioration  
 608 Fire or Explosion   
  611 Weather Related   
  614 Third Party Damage Immediate

Number of Meters: 1

Meter Number: 4 1 0 2 2 3

Service Number: 3 9 6 8 6 9

Meter Condition:  Needs Protection (3 ft.)  Touching Ground  Rusty  Tree in Loop  Trees/Bushes Obstructing

Gas Left:  On  Off at Street  Off at Meter    Gas Off: \_\_\_\_\_ : \_\_\_\_\_

Meter Type:  Commercial  Rotary

Action:  Marked with Paint  Turned over to Crew -# \_\_\_\_\_  Installed Clamp

Card:  On Door  To Customer  Mailed

**Location Remarks/Instructions:**

1 2 % GAS ON MAIN 1 FT SOUTH / 1 FT WEST OF  
water meter

This leak was discovered post-event and is not included in the timeline of construction activities.



# LG&E Leak Survey Reporting Form

Date: 1 2 8 1 1

Sub-Detail: \_\_\_\_\_

Street Number: 5 2 1 4

Street Name: R I V E R T R A I L P L A C E

Apt.  Bldg.  Lot  Unit  Suite  Garage  Outbldg. #     

City: L O U I S V I L L E

Zip Code: 4 0 2 2 9

Intersection \_\_\_\_\_

Work Request # \_\_\_\_\_

Intersection \_\_\_\_\_

SYS ID # 5 5 9 7 6 0 6 7

Leak Grade:  1  2  3

CGI Serial #: 3195

Employee # 0 9 8 6 5 1

**Occurred On:**

- |  |  |   |   |   |
|--|--|---|---|---|
| <input type="radio"/> 401 Company Measurement & Regulation | <input type="radio"/> 404-H Company Meter Loop - Handbuilt | <input checked="" type="radio"/> 405 Customer Service | <input type="radio"/> 408 Main (Pressure _____)             | <input type="radio"/> 411 Wells & Processing Facilities |
| <input type="radio"/> 403 Company Service (Pressure _____) | <input type="radio"/> 404-P Company Meter Loop - Prefab.   | <input type="radio"/> 407 Houseline                   | <input type="radio"/> 409-H Customer Meter Loop - Handbuilt | <input type="radio"/> 413 Customer Appliance            |
|  |  |   | <input type="radio"/> 409-P Customer Meter Loop - Pro-Fab   |   |

- Part:**
- |  |                                    |  |  |  |
|--|------------------------------------|--|--|--|
| <input type="radio"/> 501 Cast Iron Joint    | <input type="radio"/> 504 Meter    | <input type="radio"/> 507 Regulator      | <input type="radio"/> 512 Weld                   | <input type="radio"/> 523 Blow Down                          |
| <input type="radio"/> 502 Drip               | <input type="radio"/> 505 Manifold | <input type="radio"/> 510 Tap Connection | <input type="radio"/> 519 Third Party Water Well | <input type="radio"/> 527 Riser                              |
| <input checked="" type="radio"/> 503 Fitting | <input type="radio"/> 506 Pipe     | <input type="radio"/> 511 Valve          | <input type="radio"/> 520 Third Party Gas Well   | <input type="radio"/> 508 Service Head Adapter (Type: _____) |

- Cause:**
- |   |   |   |  |  |
|---|---|---|--|--|
| <input type="radio"/> 602 Corrosion       | <input type="radio"/> 606 Weld or Fusion    | <input type="radio"/> 609 Human Error     | <input type="radio"/> 612 Vandalism                    | <input type="radio"/> 615 Third Party Damage Delayed |
| <input type="radio"/> 603 Material Defect | <input type="radio"/> 607 Equipment         | <input type="radio"/> 610 Earth Movement  | <input type="radio"/> 613 Material Deterioration       |  |
|   | <input type="radio"/> 608 Fire or Explosion | <input type="radio"/> 611 Weather Related | <input type="radio"/> 614 Third Party Damage Immediate |  |

Number of Meters: 1 Meter Number: 6 7 9 7 0 2 Service Number: 3 9 6 8 0 8

Meter Condition:  Needs Protection (3 ft.)  Touching Ground  Rusty  Tree In Loop  Trees/Bushes Obstructing

Gas Left:  On  Off at Street  Off at Meter Gas Off: \_\_\_\_\_ : \_\_\_\_\_ Meter Type:  Commercial  Rotary

Action:  Marked with Paint  Turned over to Crew -# \_\_\_\_\_  Installed Clamp Card:  On Door  To Customer  Mailed

**Location Remarks/Instructions:**

R A P I D B U B B L E S O N F I T T I N G B E L O W M E T E R  
VALVE

This leak was discovered post-event and is not included in the timeline of construction activities.

Ticket #: 157106

GAS TROUBLE JOB CARD

Ext ID: \_\_\_\_\_ Design Rev#: \_\_\_\_\_

OF CNTR: \_\_\_\_\_ District: 210K

CREW: W. Hunter Job Address: 5729 Queens Castle Area: \_\_\_\_\_

Call Type: 107.0 Contact Name: \_\_\_\_\_ Customer Name: \_\_\_\_\_ ZONE: \_\_\_\_\_

Call Time: \_\_\_\_\_ Contact Phone: \_\_\_\_\_ Customer Phone: \_\_\_\_\_ Tax District: \_\_\_\_\_

Dispatch Time: \_\_\_\_\_ Date of Job: 04/07/11 Special Instructions: \_\_\_\_\_

Description of Work: \_\_\_\_\_

Comments: \_\_\_\_\_

LEAK INFO: GRADE: 0 1 (2) 3 Leak Repaired by Tech (Y) (N) Fed. Land: (Y) (N) SYSTEM: (Dis) Stor Tran

OCURRED ON CODES:

401 Company Measurement & Regulation	405 Customer Service	409-H Customer Meter Loop - Hand Builf
403 Company Service	407 House Line	411 Wells & Processing Facilities
404-H LG&E Meter/Reg (Handbuilf)	408 Main	413 Customer Appliance
<u>404-F</u> LG&E Meter/Reg (Prefab)	Leak on B427	Yes No

PART CODES:

501 Cast Iron Joint	506 Pipe	512 Weld	520 Third Party Gas Weld
502 Drip	507 Regulator	513 Customer Appliance	523 Blow Down
<u>503</u> Fitting	509 Inlet Swivel	514 Outlet Swivel	527 Riser
504 Meter	510 Tap Connection	519 Third Party Water Weld	528 Farm Tap
505 Manifold	511 Valve (includes - 506 Relief Valve, 526 Relief Valve)		

LEAK CAUSE CODES:

602 - Corrosion	606 - Weld or Fusion	608 - Fire or Explosion	610 - Earth Movement	612 - Vandalism	614 - Third Party Damage Immediate
<u>603</u> Material Defect	607 - Equipment	609 - Human Error	611 - Weather Related	613 - Material Deterioration	615 - Third Party Damage Delayed

READINGS OF GAS FOUND: \_\_\_\_\_ % LEL / \_\_\_\_\_ % GAS

COMMENTS: tightened brass union on pre job meter loop.

WORK PERFORMED: Rel

EMPLOYEE ID: 48-3301 SIGNATURE: [Signature]

STOP BOX (Y/N) ACCESSIBLE (Y/N) OPERABLE (Y/N)

APPLIANCES: (CIRCLE ALL THAT APPLY)

COOKSTOVE POOL HEATER FIREPLACE DRYER

WATER HEATER OUTSIDE GRILL FURNACE GAS LIGHT

METER INFORMATION:

Date Read: \_\_\_\_\_ Date Read: \_\_\_\_\_ Regulator: (Y/N)

Action: \_\_\_\_\_ Action: \_\_\_\_\_

Meter Nbr: 646325 Meter Nbr: \_\_\_\_\_ By Pass: (Y/N)

Meter Code: 57 Meter Code: \_\_\_\_\_

Location: L Location: \_\_\_\_\_

Reading: 00.00 Reading: \_\_\_\_\_

On/Off: ON On/Off: \_\_\_\_\_

Status: A Status: \_\_\_\_\_

METER TYPE (CIRCLE ONE): RESIDENTIAL COMMERCIAL ROTARY

RED TAG PLACED? (Y/N) RED TAG NUMBER: \_\_\_\_\_

WHICH APPLIANCE: \_\_\_\_\_

GAS LEFT: (ON) OFF AT METER OFF AT STREET

ODORANT DETECTED (Y/N)

TEST PRESSURE: COMPANY SERVICE \_\_\_\_\_

CUSTOMER SERVICE \_\_\_\_\_

HOUSELINES \_\_\_\_\_

ARRIVAL TIME: 0857 DEPARTURE: 0956

TIME GAS OFF: \_\_\_\_\_ GAS ON: \_\_\_\_\_

JOB COMPLETED (Y/N) MAN HOURS: 1.0

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From: 915026273422 Page: 3/6 Date: 12/12/2011 10:44:00 AM  
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Ticket # 153113

GAS TROUBLE JOB CARD

GENERAL

Ext. ID:

Design Ref#:

OP CNTR: EOC Job Address: 5204 River Trail Pl. District: \_\_\_\_\_  
 CREW: 606 Area: \_\_\_\_\_  
 Call Type: E-1/A ZONE: \_\_\_\_\_  
 Call Times: \_\_\_\_\_ Contact Name: \_\_\_\_\_ Customer Name: \_\_\_\_\_ Tax District: \_\_\_\_\_  
 Dispatch Time: 20:29 Contact Phone: \_\_\_\_\_ Customer Phone: \_\_\_\_\_  
 Date of Job: 5-12-11 Special Instructions: \_\_\_\_\_  
 Description of Work: \_\_\_\_\_  
 Comments: \_\_\_\_\_

LEAK INFO: GRADE: D 2 3 Leak Repaired by Tech (Y/N) (N) Fed. Land: (N) SYSTEM: (Gas) Star Tran

OCURRED OR CODES:

401 Company Measurement & Regulation	405 Customer Service	408-H Customer Meter Loop - Hand Built
403 Company Service	407 House Line	411 Wells & Processing Facilities
404-H LG&E Meter/Reg (Handbuilt)	408 Main	<u>413 Customer Appliance</u>
404-P LG&E Meter/Reg (Prefab)	Leak on B42? Yes No	

METER INFORMATION

Date Read: \_\_\_\_\_ Date Read: \_\_\_\_\_ Regulator: (Y/N)  
 Action: \_\_\_\_\_ Action: \_\_\_\_\_  
 Meter Nbr: 626576 Meter Nbr: \_\_\_\_\_ Bypass: \_\_\_\_\_  
 Meter Code: 33 Meter Code: \_\_\_\_\_ (Y/N)  
 Location: 2 Location: \_\_\_\_\_  
 Reading: 6782 Reading: \_\_\_\_\_  
 On/Off: on On/Off: \_\_\_\_\_  
 Status: A Status: \_\_\_\_\_

PART CODES:

501 Cast Iron Joint	506 Pipe	512 Weld	520 Third Party Gas Well
502 Drip	507 Regulator	<u>513 Customer Appliance</u>	526 Blow Down
503 Fitting	509 Inlet Swivel	514 Outlet Swivel	527 Riser
504 Meter	510 Tap Connection	519 Third Party Water Well	528 Farm Tap
505 Manifold	511 Valve (includes -508 Relief Valve, 526 Relief Valve)		

METER TYPE (CIRCLE ONE) RESIDENTIAL COMMERCIAL ROTARY  
 RED TAG PLACED? (Y/N) \_\_\_\_\_ RED TAG NUMBER: \_\_\_\_\_  
 WHICH APPLIANCE: \_\_\_\_\_

LEAK CAUSE CODES:

602 - Corrosion	605 - Weld or Fusion	608 - Fire or Explosion	610 - Earth Movement	612 - Vandalism	614 - Third Party Damage Immediate
603 Material Defect	<u>607</u> Equipment	609 - Human Error	611 - Weather Related	613 - Material Deterioration	615 - Third Party Damage Delayed

READINGS OF GAS FOUND: 2 % LE \_\_\_\_\_ % GAS  
 COMMENTS: Controls on Furnace are leaking through, turned off act supp. valve, and informed customer to have serviced tag tech. Weather check furnace.

WORK PERFORMED: RIP  
 EMPLOYEE ID: 26107 SIGNATURE: Poyne  
 STOPBOX (Y/N) ACCESSIBLE (Y/N) OPERABLE (Y/N)

GAS LEFT: (ON) OFF AT METER OFF AT STREET  
 ODORANT DETECTED (Y/N)  
 TEST PRESSURE: COMPANY SERVICE \_\_\_\_\_  
 CUSTOMER SERVICE \_\_\_\_\_  
 HOUSELINES \_\_\_\_\_

APPLIANCES LIST: (CIRCLE ONE OR APPLY AS APPLICABLE)  
 COOKSTOVE POOL HEATER FIREPLACE DRYER  
 WATER HEATER OUTSIDE GRILL FURNACE GAS LIGHT  
 ARRIVAL TIME: 20:34 DEPARTURE: 21:24  
 TIME GAS OFF: \_\_\_\_\_ GAS ON: \_\_\_\_\_  
 JOB COMPLETED (ON) MAN HOURS: \_\_\_\_\_

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From: 915026273422 Page: 6/6 Date: 12/12/2011 10:44:00 AM

Ticket # 158276

GAS TROUBLE JOB CARD

GENERAL

Ext ID:

Design Rev#:

OP CNTR: Hub

Job Address:

District:

CREW: 604

9919 Rivertrail DR

Area:

Call Type: OTH

Contact Name:

Customer Name:

Tax District:

Call Time:

Contact Phone:

Customer Phone:

Dispatch Time: 16:23

Date of Job: 8-26-11

Special Instructions:

Description of Work:

Comments:

LEAK INFO: GRADE 0 1 2 3 Leak Repaired by Tech (Y / N) Fed. Land? Y N SYSTEM: Dist Star Tran

METER INFORMATION

OCURRENCE CODES

401 Company Measurement & Regulation	405 Customer Service	408-H Customer Meter Loop - Hand Built
403 Company Service	407 House Line	411 Wells & Processing Facilities
404-H LG&E Meter/Reg (Handbuilt)	408 Main	413 Customer Appliance
434-P LG&E Meter/Reg (Prefab)	Leak on B42? Yes No	

Date Read: \_\_\_\_\_ Date Read: \_\_\_\_\_ Regulator: (Y/N)

Action: \_\_\_\_\_ Action: \_\_\_\_\_

Meter Nbr: 626492 Meter Nbr: \_\_\_\_\_ By Pass: (Y/N)

Meter Code: \_\_\_\_\_ Meter Code: \_\_\_\_\_

Location: LS Location: \_\_\_\_\_

Reading: 4333 Reading: \_\_\_\_\_

On/Off: OFF On/Off: \_\_\_\_\_

Status: \_\_\_\_\_ Status: \_\_\_\_\_

PART CODES

501 Cast Iron Joint	506 Pipe	512 Valve	520 Third Party Gas Well
502 Drip	507 Regulator	513 Customer Appliance	523 Blow Down
503 Fitting	508 Inlet Swivel	514 Outlet Swivel	527 Riser
504 Meter	510 Tap Connection	519 Third Party Water Well	528 Farm Tap
505 Manifold	511 Valve (includes 508 Relief Valve, 526 Relief Valve)		

METER TYPE (CIRCLE ONE): RESIDENTIAL COMMERCIAL ROTARY

RED TAG PLACED? (Y/N) RED TAG NUMBER: WHICH APPLIANCE:

BEAR CAUSE CODES

602 - Corrosion	606 - Weld or Fusion	608 - Fire or Explosion	610 - Earth Movement	612 - Vandalism	614 - Third Party Damage Immediate
603 Material Defect	607 - Equipment	609 - Human Error	611 - Weather Related	613 - Material Deterioration	615 - Third Party Damage Delayed

READINGS OF GAS FOUND: \_\_\_\_\_ % LEL \_\_\_\_\_ % GAS

COMMENTS: No leaks found. Meter loop is not attached to the house. Vacant house. Gas was already OFF with lock and disc.

WORK PERFORMED: RIL

GAS LEFT: ON OFF AT METER OFF AT STREET

EMPLOYEE ID: 8831

SIGNATURE: Frank Smith

ODORANT DETECTED (Y/N)

STOPBOX (Y (N)) ACCESSIBLE (Y / N) OPERABLE (Y / N)

TEST PRESSURE: COMPANY SERVICE

CUSTOMER SERVICE

HOUSELINES NA

APPLIANCES (CIRCLE ALL THAT APPLY)

COOKSTOVE POOL HEATER FIREPLACE DRYER

WATER HEATER OUTSIDE GRILL FURNACE GAS LIGHT

ARRIVAL TIME: 16:56 DEPARTURE: 17:33

TIME GAS OFF: \_\_\_\_\_ GAS ON: \_\_\_\_\_

JOB COMPLETED (Y/N) MAN HOURS: \_\_\_\_\_

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From: 915026273422 Page: 2/6 Date: 12/12/2011 10:44:00 AM

Ticket #: 159894

GAS TROUBLE JOB CARD

GENERAL

Ext. ID: \_\_\_\_\_

Design Rev#: \_\_\_\_\_

OP GRTR: <u>40c</u>	Job Address: <u>9917 River TL</u>	District: _____
CREW: <u>610</u>	Contact Name: _____	Area: _____
Call Type: _____	Customer Name: _____	ZONE: _____
Call Time: _____	Contact Phone: _____	Tax District: _____
Dispatch Time: <u>11:24</u>	Customer Phone: _____	
Date of Job: <u>Sept. 23, 11</u>	Special Instructions: _____	
Description of Work: <u>C-b File</u>		
Comments: _____		

LEAK INFO: GRADE: 0 1 2 3 Leak Repaired by Tech {Y / N} Fed. Land: Y N SYSTEM: Dist Stor Tran

401 Company Measurement & Regulation	405 Customer Service	409-H Customer Meter Loop - Hand Built
403 Company Service	407 House Line	411 Wells & Processing Facilities
404-H LG&E Meter/Reg (Handbuilt)	408 Main	413 Customer Appliance
404-P LG&E Meter/Reg (Prefab)	Leak on B42? Yes No	

Date Read: Sept. 23, 11 Meter Read: \_\_\_\_\_ Regulator: \_\_\_\_\_

Action: \_\_\_\_\_ Action: (Y/N)

Meter Nbr: 596681 Meter Nbr: \_\_\_\_\_ By Pass: \_\_\_\_\_

Meter Code: \_\_\_\_\_ Meter Code: (Y/N)

Location: OR Location: \_\_\_\_\_

Reading: 8476 Reading: \_\_\_\_\_

On/Off: Disk On/Off: \_\_\_\_\_

Status: \_\_\_\_\_ Status: \_\_\_\_\_

501 Cast iron joint	505 Pipe	512 Weld	520 Third Party Gas Well
502 Drip	507 Regulator	513 Customer Appliance	523 Blow Down
503 Fitting	509 Inlet Swivel	514 Outlet Swivel	527 Fitter
504 Meter	510 Tap Connection	519 Third Party Water Well	528 Farm Tap
505 Manifold	511 Valve (includes - 508 Relief Valve, 526 Relief Valve)		

METER TYPE (CIRCLE ONE): RESIDENTIAL COMMERCIAL ROTARY

RED TAG PLACED? (Y/N) RED TAG NUMBER: \_\_\_\_\_

WHICH APPLIANCE: \_\_\_\_\_

602 - Corrosion	606 - Weld or Fusion	608 - Fire or Explosion	610 - Earth Movement	612 - Vandalism	614 - Third Party Damage Immediate
603 Material Defect	607 - Equipment	609 - Human Error	611 - Weather Related	613 - Material Deterioration	615 - Third Party Damage Delayed

READINGS OF GAS FOUND: \_\_\_\_\_ % LEL \_\_\_\_\_ % GAS COMMENTS: Fire dept has T.F gas at meter

before I arrived. I installed disk at 12:42 pm. Advised Tom Murphy that 3 people had been transported to hospital due to fire. Fire dept. did not give any additional info.

WORK PERFORMED: RFI COMMENTS: \_\_\_\_\_

EMPLOYEE ID: 3545 SIGNATURE: [Signature]

STOP BOX (Y/N) ACCESSIBLE (Y/N) OPERABLE (Y/N) \_\_\_\_\_

APPLIANCES TO CHECK (CIRCLE OR UNAPPLY) \_\_\_\_\_

GAS LEFT: ON OFF AT METER OFF AT STREET

ODORANT DETECTED (Y/N) \_\_\_\_\_

TEST PRESSURE: COMPANY SERVICE \_\_\_\_\_

CUSTOMER SERVICE \_\_\_\_\_

HOUSELINES \_\_\_\_\_

COOKSTOVE POOL HEATER FIREPLACE DRYER

WATER HEATER OUTSIDE GRILL FURNACE GAS LIGHT

ARRIVAL TIME: 12:35 DEPARTURE: 1:05

TIME GAS OFF: 12:48 GAS ON: \_\_\_\_\_

JOB COMPLETED (Y/N) MAN HOURS: 0:30

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From: 915026273422 Page: 1/6 Date: 12/12/2011 10:44:00 AM

# GAS CONSTRUCTION AND MAINTENANCE SERVICE JOB CARD

10/20/2011  
11:52 am

WR#: 2976135

Ext. ID: LEAKS

Orig ID: AUTOGENWR Design Rev#:

Darts#:

Page 1 of 2

OP CNTR: AOCG Project Name: Job Type: GENCOSERV Job Code: GRENSV Est. Hours: 10.95 Date Required: 8/10/2011 Description of Work: RENEW COMPANY SERVICE 8/24 Comments: 30% GAS ON SERVICE ; 14FT N CURB; 2FT S TU BOX Poss Branched Svc BUD 1108190668 8/24	Job Address: 5125 QUEENS CASTLE RD * LOUISVILLE, 40229 Organization: no organization specified Customer Name: Customer Phone:	1110250683 10-22 14:30	District: OHIO Area: JEF Zone: 40229 Tax District: 037
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Subdetail: KY BROOKS NE 1 D B

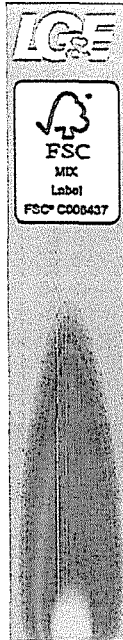
Date Read: <u>10-31-11</u> Action: _____ Meter Nbr: <u>687088</u> Meter Code: <u>078</u> Location: <u>OR</u> Reading: <u>3851</u> On/Off: <u>ON</u> Status: <u>A</u> NUMBER OF METER LOOPS: <u>1</u>	Regulator: <input checked="" type="radio"/> (Y) <input type="radio"/> (N) Meter Type (Circle one): <input checked="" type="radio"/> Residential <input type="radio"/> Commercial <input type="radio"/> Rotary	By Pass: <input type="radio"/> (Y) <input checked="" type="radio"/> (N)	SERVICE #: <u>426891</u> CREW #: _____ TYPE: <u>Branched</u> PRESSURE :MP _____ EXISTING SERVICE SIZE: <u>.50</u> MATERIAL : <u>PL</u> LENGTH : <u>8</u> LONG OR SHORT : <u>Short</u> TAP PRI LOC : <u>5 N/N S/L</u> I O E P/L _____ LOCATION : SEC LOC : <u>14 NW curb</u> I <u>8 E/E B/L</u> STOPBOX: <input checked="" type="radio"/> (Y) <input type="radio"/> (N) ACCESSIBLE: <input checked="" type="radio"/> (Y) <input type="radio"/> (N) OPERABLE: <input checked="" type="radio"/> (Y) <input type="radio"/> (N) BOX PRI LOC : _____ I _____ LOCATION : SEC LOC : _____ <u>Stopbox</u> I _____ MAIN# <u>420600</u> SIZE : <u>2</u> PRESS : <u>MP</u> SYSTEM : <u>Distribution</u> MAT : <u>PL</u> LENGTH : <u>118</u> DEPTH : <u>3</u> UNDER PAVEMENT: <u>No</u> CUST SERVICE: _____ SIZE: _____ PRESSURE: _____ MATL: _____ LOT SIZE : _____ DISTANCE : _____ of _____ NEW COMPANY SERVICE: SIZE : _____ MAT : _____ LENGTH : _____ EXCESS FLOW NEW PRI LOC : _____ I _____ VALVE: (Y/N) TAP SEC LOC : _____ I _____ INFO _____ I _____ TEST PRESSURE : CUST SERVICE : _____ HOUSELINES : _____ SERVICE : _____ REMARKS : <u>Dug up found leak on cap at tee</u> <u>tightened cap soaked out all fittings</u> <u>NO other leaks found.</u> EMPLOYEE ID: <u>MPC</u> NAME: <u>Brian Smith</u>
--	---	---	--

*[Handwritten signature]*

*[Handwritten checkmark]*

D. ...

## **6. Public awareness records**



## Natural gas and pipeline safety: Be aware!

Our underground pipelines are the safest, most efficient way to deliver natural gas to your home. Underground gas pipelines can be hard to detect, and we sometimes mark pipelines with brightly colored sign posts in areas where pipelines may be more susceptible to damages. You may not even notice them, but it is important to remember precautions to keep our community safe.

### Look for markers

Residential and commercial development in once rural areas is encroaching on pipeline rights-of-way (ROW) with increasing frequency. Encroachment implies safety concerns for local residents and for the physical integrity of the pipeline itself. To help prevent encroachment and excavation-related damage to pipelines, we install brightly-colored sign posts along the pipeline (ROW) to indicate the presence — **but not necessarily the exact location** — of underground pipelines. Markers come in a variety of shapes and sizes. They contain information about the nearby pipeline as well as **emergency contact information**.

Due to the safety needs surrounding pipelines, community and governmental decisions regarding land use may affect pipelines and public safety. Everything

possible should be done to keep ROWs as free of physical encumbrances as possible in order to ensure reasonable and frequent visual inspections of the pipeline from the air and ground. In addition, a clear ROW helps ensure ease of access for repairs.

### National Pipeline Mapping System

The National Pipeline Mapping System (NPMS) website at [www.npms.phmsa.dot.gov](http://www.npms.phmsa.dot.gov) enables users to view NPMS data one county at a time. NPMS data consists of gas transmission pipelines and hazardous liquid trunklines. It does not contain gathering or distribution pipelines, such as lines which deliver gas to an individual customer's home. Therefore, not all pipelines in an area will be visible in the public map viewer. **NPMS data is for reference purposes only. It should never be used as a substitute for contacting Kentucky 8-1-1 prior to excavating. Call 8-1-1 before you dig.**

### Dig with care

Before doing any digging, everyone, including the general public, should ensure the locations of underground utilities in the area are marked. Call Kentucky 811 (dial 8-1-1). They will coordinate with

Kentucky 811 member utilities in the area to have their underground lines marked free of charge to the caller.

The process to notify Kentucky 811 member utilities is designed to protect the public and the property. It requires that you:

1. **Call 8-1-1** at least two business days prior to excavation.
2. **Wait** until the lines have been marked before you begin digging.
3. **Respect the marks.**

If you see digging in an area where buried utility lines have not been located (paint on the ground or flags placed in the grass), protect yourself and your neighbors by reporting it immediately to us at 502-627-4427. Provide the address where the excavation is occurring and the name of the company or individual doing the excavating.

### Leak Detection

LG&E performs regular leak surveys of its gas distribution system and a distinctive odor is added to the natural gas to aid in identifying gas leaks. Gas odor levels are monitored on a regular basis to ensure adequate levels of the odorant are present in the gas.



Call LG&E at (502) 589-5511 (outside Louisville  
800-331-7370) for any natural gas concern or  
emergency 24 hours a day, 365 days a year.

Although LG&E adds the odorant to natural gas to aid in the detection of leaks, you should not rely solely on your sense of smell to determine if there is a gas leak. Some persons may not be able to smell the odor because they have a diminished sense of smell or because the odor is being masked by other odors in the area. In addition, there may be rare conditions, such as odor fade (loss of odorant) which may occur and cause the odor to diminish so that it is not detectable.

**Outdoors** – If you live, work or play near a natural gas pipeline, the following signs may help you detect a leak on or near the pipeline right-of-way:

- You may **HEAR** a blowing or hissing sound.
- You may **SEE** dust blowing from a hole in the ground, continuous bubbling in one spot in wet or flooded areas, dead vegetation, abnormally dry or hardened soil or fire appearing as if it is coming from the ground or burning above the ground.
- You may **SMELL** a gaseous or hydrocarbon odor (similar to sulfur or rotten eggs).

If you suspect a gas leak outdoors:

1. Shut down and abandon any equipment being used in or near the area.
2. Avoid open flame and other sources of ignition. Do not start any motor vehicles or electrical equipment.
3. Evacuate the area and prevent unsuspecting people from entering.
4. Notify us at 1-502-589-5511 (1-800-331-7370)

immediately so the leak can be verified and if necessary corrective action can take place.

5. Get help from local law enforcement officials to isolate the area.
6. Do not attempt to extinguish a natural gas fire. Request the local fire department to protect adjacent property.
7. Do not attempt to operate any pipeline valves.

**Indoors** – The following signs may help you detect a leak inside a building:

- You may **SMELL** a gaseous or hydrocarbon odor (similar to sulfur or rotten eggs). A faint odor of natural gas may mean that a pilot light has gone out on an appliance and should be re-lit or that there is some other leak or problem present. Open the doors and windows for ventilation. Don't try to re-light a gas furnace, water heater or range until you are sure there is no natural gas left inside the building.
- You or someone in the building may experience dizziness, headache, nausea, fatigue or flu-like symptoms. This could be a sign that a severe natural gas leak or more likely a release of carbon monoxide has occurred, which may be the result of an improperly adjusted natural gas appliance inside your home or workplace.

If you suspect a natural gas leak, **DO NOT** use a telephone or flashlight, switch a light on or off, light a match or create any other ignition source. Leaking

natural gas can ignite, so you should immediately leave the house and go to a safe area where there is no indication of a natural gas leak. This may be a neighbor's house. **Call us at 1-502-589-5511 (outside Louisville 1-800-331-7370).** You should do the same thing if you suspect carbon monoxide is present in the home. Carbon monoxide detectors can be purchased from home improvement stores or from various online sources.

### LG&E's Integrity Management Program

Safety is our priority at LG&E. For this reason, our lines are monitored and inspected so we can locate and fix potential problems before they occur. We also implement a pipeline integrity management program that includes identifying areas along our pipelines where the consequences of a failure would be significant, conducting inspections to verify the integrity of the pipeline, implementing pipeline safety communications plans, identifying pipeline risks and implementing measures to reduce pipeline risks.

Additional safety information, including emergency preparedness and land use practices is available on our website at [www.lge-ku.com/rsc/lge/gas\\_safety.asp](http://www.lge-ku.com/rsc/lge/gas_safety.asp). You can also call LG&E at (502) 589-5511 (outside Louisville 800-331-7370) for any natural gas concern or emergency. You can reach us 24 hours a day, 365 days a year.



a PPL company

January 2011

Louisville Gas and  
Electric Company  
Customer Service  
820 West Broadway  
PO Box 32010  
Louisville, KY 40232  
[www.lge-ku.com](http://www.lge-ku.com)

T 502-589-5511  
F 800-331-7370

Dear Valued Customer:

Underground pipelines are the safest, most efficient way to deliver natural gas to your home. However, even though the pipes are underground, they can be impacted by weather conditions as droughts, heavy rain, extreme heat or freezing temperatures can lead to shifts in the ground. These shifts can place additional stress on gas pipes and potentially cause a gas leak.

An odorant is added to natural gas to assist in the detection of leaks; however, you should not rely solely on your sense of smell to determine if there is a gas leak. You may hear a blowing or hissing sound or see dust blowing from a hole in the ground. You might also see bubbling in wet or flooded areas, dead vegetation or abnormally dry or hardened soil.

Because winter weather conditions can make it difficult to detect a natural gas leak **outside** your home (dead vegetation and hardening ground naturally occur in the winter), we encourage anyone who suspects a leak or who smells natural gas to immediately contact us at 502-589-5511 (outside Louisville 1-800-331-7370). You can reach us 24 hours a day, 7 days a week, 365 days a year.

If you suspect a natural gas leak **indoors**, **DO NOT** use a telephone or flashlight, switch a light on or off, light a match or create any other ignition source. Leaking natural gas can ignite, so you should **immediately** leave the house and go to a safe area where there is no indication of a natural gas leak -- this may be a neighbor's house or some other location -- and contact us at the numbers listed above.

Your safety is our priority.

Sincerely,

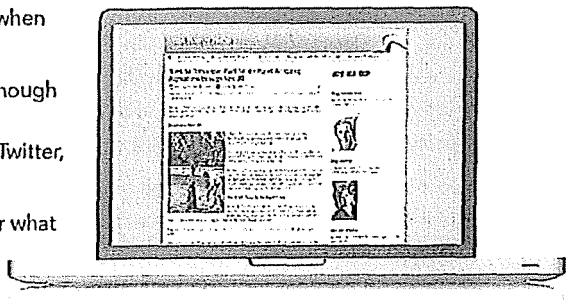
LG&E Customer Service

## PUT YOUR ENERGY INTO IT.

Share ideas, discuss important topics and comment on current issues when you participate in our blog, Your Energy Matters.

There's a lot to talk about out there in the world of energy. So, even though we've been communicating with you for years, through newsletters, advertising, community outreach, e-mail and, more recently, through Twitter, we feel blogging is another great way to reach you.

We're posting stories about issues that affect you, and we want to hear what you have to say. So start blogging, and be heard. Visit [lge-ku.com](http://lge-ku.com) and get your blog on with LG&E.



you're loading it or stoking a fire. NEVER leave a fire unattended.

Keep the doors of a wood stove closed unless flames. Keep a fire extinguisher near all fireplaces and wood stoves. Keep flammables such as curtains, books and newspapers far away from

### DON'T LET YOUR MONEY GO UP IN SMOKE.

You may think that burning a fire in the fireplace or wood stove will reduce your heating bills, but, in fact, these appliances can actually suck the heated air out of your living room and increase the amount of energy you use to heat your home.



Keep a fire extinguisher near all fireplaces and wood stoves. Keep flammables such as curtains, books and newspapers far away from

from fire hazards by following these fire safety rules.

- SUPER SAFETY TIP:** This winter, protect your home and your family from fire hazards by following these fire safety rules.
- Follow these tips to control your costs when using these methods of heating.
- When a fireplace is in use, close off the room. Be sure to crack the window an inch and turn down the thermostat so it doesn't have to work harder to maintain the temperature.
  - Install a fireplace insert certified by the Environmental Protection Agency (EPA). This will blow heat from the fire into the room, let the wood burn more completely and limit the amount of heat lost up the chimney.
  - When you aren't burning a fire, keep the damper closed to keep heat from disappearing up the chimney.
  - Use a glass screen or convective grate with an open masonry fireplace to reduce warm air loss and improve heat recovery.

## KEEP OLD MAN WINTER KNOCKING THIS WINTER.

Save money and stay warm this winter by following these simple recommendations for saving energy:

1. Hot and Cold – Energy-efficient equipment that is sized and installed correctly, with properly sealed ducts, can save you as much as 20 percent on your annual energy costs.
2. Keep it Clean - Check the filter in your heating and cooling system monthly. Clean or change it as needed. Have your heating equipment checked at the start of each winter to make sure it's operating efficiently and safely.
3. Bundle up Your Home – Seal the gaps and cracks in your home -- most often found along outer walls, ceiling, windows

and floors. Don't forget to seal or insulate the switch plate and socket covers that are located on your outer walls. Pay special attention to your attic and basement where the biggest gaps and cracks are often found.

4. Tighten Your Ducts - If you have a forced-air furnace or heat pump, a duct system circulates warm air throughout your home. Leaky ducts can reduce your system's overall efficiency by as much as 20 percent. Seal your ducts to save on your energy bills and consistently heat every room in your house.

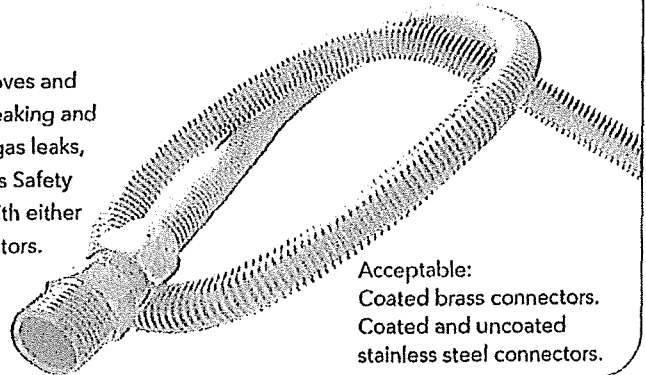
Visit our website at [lge-ku.com](http://lge-ku.com) for additional tips on keeping warm and saving money this winter.

# BEWARE BAD HOOKUPS.

There are better ways to connect.

Uncoated brass flexible connectors, like those used to connect stoves and dryers (installed before 1977) to gas-supply pipes are prone to breaking and deterioration. Over time, the end pieces can separate and cause gas leaks, leading to property damage or injury. The U.S. Consumer Products Safety Commission recommends replacing uncoated brass connectors with either new plastic-coated brass connectors or new stainless-steel connectors.

To have your connectors inspected or replaced, contact a licensed plumber or professional appliance-repair service.



Acceptable:  
Coated brass connectors.  
Coated and uncoated  
stainless steel connectors.

## RESOLVE TO BE MORE ENERGY EFFICIENT IN 2012.

If your list of resolutions includes finding ways to save energy and money, we can help. Our list of energy efficiency programs is going to be bigger and better than ever. In 2012, you will be able to take advantage of three new and four enhanced energy efficiency programs, including:

1. Residential Incentives - Customers who install ENERGY STAR® appliances, energy-efficient HVAC equipment or window film to their homes will be eligible to receive rebates of \$50 to \$300.
2. Residential Refrigerator Removal Program - LG&E will pay you \$30 to remove and recycle working secondary refrigerators and freezers.
3. A Smart Energy Profile: A select group of customers will receive a report from LG&E that compares their energy use to similar customers. The report also includes details about energy efficiency programs that are available.

In addition to the new programs, we are expanding four of our existing programs: Demand Conservation, Commercial Energy Rebates, Residential Audit and WeCare. Be sure to visit us online at [lge-ku.com](http://lge-ku.com).

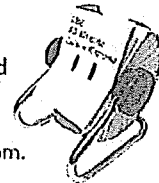
We are excited about the PSC's approval, and look forward to helping you find even more ways to save. We are finalizing contracts and administrative details and hope to make the new and enhanced programs available in the next couple of months. Watch for information in future Power Source newsletters or visit our energy efficiency site at [lge-ku.com](http://lge-ku.com).

## UPDATE YOUR ROLODEX.

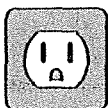
We have completed the transition to our new payment processing facility in Louisville. If you mail your payment, please update your records to reflect the new address:

LG&E  
P.O. Box 9001960  
Louisville, KY 40290-1960

Looking for ways to save paper and postage? Consider online billing and payment. Sign in or register your account today at [my.lge-ku.com](http://my.lge-ku.com).



### Contact Information



#### BY PHONE

Louisville Gas and Electric Company  
Monday – Friday  
7 a.m. – 7 p.m. (Eastern Time)  
(502) 589-1444

Outside Louisville Area  
(800) 331-7370

For Hearing/Speech-Impaired  
Dial 711

24-Hour Natural Gas Trouble/Emergencies  
(502) 589-5511

24-Hour Electric Trouble/Power Outages  
(502) 589-3500

Business Service Center  
Monday – Friday  
7 a.m. – 6 p.m. (Eastern Time)  
(502) 627-3313

#### IN PERSON

Customer Service Walk-In Center  
701 South Ninth Street  
Monday – Friday  
8 a.m. – 5 p.m. (Eastern Time)

Kentucky 811 – Locate Service  
Dial 811

Editor  
[Cheryl.Williams@lge-ku.com](mailto:Cheryl.Williams@lge-ku.com)

Visit our Website:  
[www.lge-ku.com](http://www.lge-ku.com)



Check out our blog - Your Energy Matters - at [lgeku.com](http://lgeku.com). And follow us on [Twitter](https://twitter.com/lgeku) [www.twitter.com/lgeku](http://www.twitter.com/lgeku)



# POWERSOURCE

Customers first. Energy that lasts.

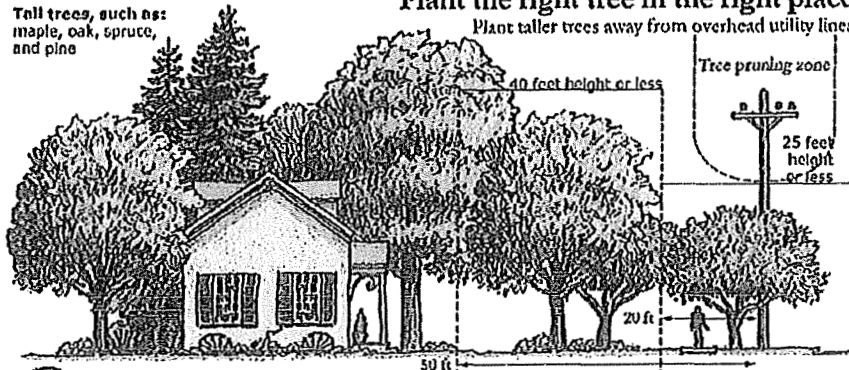
## Right Tree, Right Place

Planting trees can help you save energy because the right tree in the right place will provide cooling shade in the summer and windbreaks in the winter. Consider these tips before you purchase and plant a tree:

- Trees cool your home by blocking sun and adding water to the air. Plant tall, wide-crowned deciduous trees where you want their shadow to fall during the hottest time of the year, such as the southeast and southwest walls of your home.
- Maples, oaks, spruces and pine trees are good choices for planting near your home to create shade and windbreaks.
- A dense planting of tall, leafy trees also will help control noise and dust.
- Don't plant larger trees where they can grow into utility lines. Short flowering trees, such as redbuds, dogwoods or crabapples, with a maximum height of 25 feet are a better choice.
- Low-branching evergreens planted on the north side of your home will help cut the chill of winter winds.
- Be sure to choose trees that are hardy for this area. In our region, that includes trees for zones 6 or 7.

View [www.arborday.org](http://www.arborday.org) - the website of the National Arbor Day Foundation to find the appropriate trees simply by entering your zip code.

Tall trees, such as: maple, oak, spruce, and pine



### Plant the right tree in the right place

Plant taller trees away from overhead utility lines

Medium trees, such as: washington hawthorn and goldenrain tree

Small trees, such as: redbud, dogwood, and crabapple

## Technotes

### Celebrate Earth Day by going paperless

Looking for an easy way to make a difference this Earth Day? Enroll in paperless billing. With just a few minutes of your time today, you'll be making an environmental difference that will last a lifetime.

The average American family throws away more than 2,000 pounds of paper each year. That's equal to 17 trees. Just think of the difference you can make when you switch to paperless billing.

As a paperless billing customer, you'll receive an email each month when your bill is ready. The email includes the amount due, payment due date and a link to our secure site. Log in to view your bill. You can even pay it online.

Act now to receive an extra benefit. For every paperless billing enrollment received before April 30, we'll donate \$1 to our "Plant for the Planet" tree planting program.

Signing up is easy, and it doesn't cost you a thing. But the benefits are many. Visit [lge-ku.com](http://lge-ku.com).

**BEFORE YOU DIG!**

Spring is the ideal time for home improvements. Whether you're building a deck or planting a tree, be sure to call

8-1-1 at least two business days before you dig. Kentucky 811 will work with utility companies in your area to have underground lines marked at no cost to you. This will ensure you can perform your work safely by respecting the marks and digging with care.



## Stay safe and spring into action this season

Spring is the time of year to prepare for stormy weather. Be sure to follow these important safety tips:

- Consider all fallen power lines energized. Stay away and keep others away, too.
- Stay away from all water-soaked areas that have electrical equipment nearby.
- Don't touch metal fences or guard rails during or after a storm. If a downed power line is touching the fence or rail, it may be electrified even when there is some distance between the line and fence or rail.
- Keep a battery-powered radio and flashlight handy with extra batteries.
- Call us immediately at 502-589-1444 (outside Louisville 1-800-331-7370) if you see a downed power line.

## More convenience with phone payments

If you prefer to pay your LG&E bill over the phone, you can call our Customer Service Department at (502) 589-1444 or 1-800-331-7370 outside the Louisville area. When you press 1-2-2-3, our automated system will connect you directly to the third-party vendor who processes telephone payments for us. Our vendor charges \$2.95 to process payments made by check, PayPal, debit and Visa, Mastercard and Discover. You can make your payment safely and securely 24 hours a day.

Eco-Centric

## Build your new home with savings in mind

Congratulations on your decision to build a new home! Consider building an ENERGY STAR<sup>®</sup> certified home, which uses substantially less energy for heating, cooling and water heating. Annual savings can range from \$200 to \$400, resulting in thousands of dollars in savings over the life of your home. And you will reduce your greenhouse gas emissions through increased energy efficiency.

Builders who have achieved the ENERGY STAR rating are able to construct your new home with energy efficient materials and construction methods. Finding a builder who is actively building ENERGY STAR homes in your area is as easy as visiting [lge-ku.com/build](http://lge-ku.com/build).

Recently, LG&E awarded their Kentucky Home Performance Program Awards to

builders who were able to best maximize the energy efficiency rating of the homes they built. The recipients are:

### Best Scoring Home

Rater Partner – Shawn Purcell  
Customer Builder – Kimbel Construction  
Customer Builder – Mike Oney Builders  
Production Builder – Dominion Homes

### Best Scoring Building

Multifamily Building Partner – HPI

### Plaque Winners: Most Homes Exceeding Code+25% Efficiency

Rater Partner, Single & Multi-Single Family – Shawn Purcell  
Rater Partner, Multifamily – Chris Zitelli  
Builder Partner, Single & Multi-Single Family – Monsour Builders  
Builder Partner, Multifamily – HPI Construction

## Exploring the open road to electric vehicles

The concept of electric vehicles may seem new to many people, but did you know the first electric vehicle was built in 1830? In 1900, nearly 40 percent of all vehicles were powered by electricity, a trend that continued for 20 years. That's when production of electric vehicles stopped. While the electric vehicle isn't new by any means, there is certainly a renewed interest among consumers, the auto industry and, as you can imagine, the electric utility industry.

We, at LG&E, have actively followed the movement, and we've celebrated as each of the top vehicle manufacturers

announced plans to make an electric model available to consumers.

In August 2010, we announced a Low-Emission Vehicle Service Rate, which is being offered as a three-year pilot to residential customers. It includes battery electric or plug-in hybrid vehicles recharged through a charging outlet, as well as natural gas vehicles refueled through an electric-powered refueling appliance at your home. Find out more about our commitment to helping speed the introduction and widespread adoption of plug-in electric vehicles at [lge-ku.com](http://lge-ku.com).

## Contact Information

Louisville Gas and Electric Company

Monday – Friday  
7 a.m. – 7 p.m. (Eastern Time)  
(502) 589-1444

Outside Louisville area  
(800) 331-7370

For hearing/speech impaired  
Dial 711

[www.twitter.com/lgeku](http://www.twitter.com/lgeku)



24-hour Natural Gas  
Trouble/Emergencies  
(502) 589-5511

24-hour Electric Trouble/Power  
Outages  
(502) 589-3500

Customer Service walk-in center  
701 South Ninth Street  
Monday – Friday  
8 a.m. – 5 p.m. (Eastern Time)

Business Service Center  
Monday – Friday  
7 a.m. – 6 p.m. (Eastern Time)  
(502) 627-8313

Kentucky 811 - locate Service  
Dial 811

Outside Louisville area  
(800) 331-7370

Visit our website  
[www.lgeku.com](http://www.lgeku.com)

Email:  
[Cheryl.Williams@lgeku.com](mailto:Cheryl.Williams@lgeku.com)





Home > Residential Services > LG&E Residential Services > Natural Gas Safety



## Natural Gas Safety Information

Natural gas makes our lives more comfortable and efficient, and it's environmentally-friendly. We use natural gas to heat our homes, produce hot water, cook our meals and dry our clothes.

LG&E delivers natural gas to more than 321,000 customers through an expansive system of distribution pipelines located throughout Kentucky. The distribution lines we use to move natural gas through your area and ultimately deliver it to your home when you need it are connected to large transmission lines that extend to the Gulf coast region where it is produced.

LG&E continuously maintains and monitors more than 4,200 miles of distribution mains and slightly less than 400 miles of transmission mains. Your safety is important to us; therefore, we want to make you aware of safety measures related to our natural gas system in the event you come in contact with any of our gas lines.

[Gas Leak Survey Information](#)

- [Billing FAQ](#)
- [Bill Inserts](#)
- [Customer Service Center](#)
- [Customer Handbooks](#)
- [Electric Vehicles](#)
- [Energy Efficiency Programs](#)
- [Smart Saver Tips](#)
- [Fuel Cost Comparison](#)
- [Heating Assistance Programs](#)
- [Home Energy Usage Guide](#)
- [How to Read Your Meter](#)
- [Kentucky 811 \(Before You Dig\)](#)
- [Natural Gas Safety](#)
- [Net Metering](#)
- [Outages](#)
- [Online Billing](#)
- [Payment Options](#)
- [Power Source Newsletter](#)
- [Rates/Tariffs](#)
- [Safety Information](#)

### Natural Gas Safety Links

- [Leak Detection](#)
- [Gas Leak Survey](#)
- [Odorant Fade](#)
- [Carbon Monoxide Safety](#)
- [Call Kentucky 811 \(Before You Dig\)](#)
- [General Safety](#)
- [Important Safety Notice Regarding Brass Connectors for Natural Gas Appliances](#)
- [Pipeline Integrity](#)
- [Abandoned Gas Wells \(West Point\)](#)
- [National Pipeline Mapping System](#)



Home > Residential Services > LG&E Residential Services > Natural Gas Safety

## Natural Gas Safety Information

### Billing FAQ

- Bill Inserts
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- Customer Handbooks
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- Smart Saver Tips
- Fuel Cost Comparison
- Heating Assistance Programs
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### Leak Detection

LG&E performs regular leak surveys of its gas distribution system and a distinctive odor is added to the natural gas to aid in identifying gas leaks. Gas odor levels are monitored on a regular basis to ensure adequate levels of the odorant are present in the gas. Although LG&E adds the odorant to natural gas to aid in the detection of leaks, you should not rely solely on your sense of smell to determine if there is a gas leak. Some persons may not be able to smell the odor because they have a diminished sense of smell or because the odor is being masked by other odors in the area. In addition, there may be rare conditions, such as odor fade (loss of odorant) which may occur and cause the odor to diminish so that it is not detectable.

### Outdoors

Our underground pipelines are the safest, most-efficient way to deliver natural gas to your home. We mark the larger, natural gas transmission lines across the state with signs so you know where the underground lines are. Our lines are constantly monitored and inspected so we can locate and fix potential problems before they occur.

If you live, work or play near a natural gas pipeline, the following signs may help you detect a leak on or near the pipeline right-of-way.

- You may HEAR A blowing or hissing sound.
- You may SEE dust blowing from a hole in the ground, continuous bubbling in one spot in wet or flooded areas, dead vegetation, abnormally dry or hardened soil or fire apparently coming from the ground or burning above the ground.
- You may SMELL a gaseous or hydrocarbon odor (similar to sulfur or rotten eggs).

If you suspect a gas leak outdoors:

1. Shut down and abandon any equipment being used in or near the area.
2. Avoid open flame or other sources of ignition. Do not start any motor vehicles or electrical equipment.

**Natural Gas Safety Links**

- Leak Detection
- Gas Leak Survey
- Odorant Fade
- Carbon Monoxide Safety
- Call Kentucky 811 (Before You Dig)
- General Safety
- Important Safety Notice Regarding Brass Connectors for Natural Gas Appliances
- Pipeline Integrity
- Abandoned Gas Wells (West Point)



Outages

Online Billing

Payment Options

Power Source Newsletter

Rates/Tariffs

Safety Information

Start/Stop Services

Vegetation Management

- You may SMELL a gaseous or hydrocarbon odor (similar to sulfur or rotten eggs).

If you suspect a gas leak outdoors:

1. Shut down and abandon any equipment being used in or near the area.
2. Avoid open flame or other sources of ignition. Do not start any motor vehicles or electrical equipment.
3. Evacuate the area and prevent unsuspecting people from entering.
4. Notify us at 1-502-589-5511 (1-800-331-7370) immediately so the leak can be verified and necessary corrective action can take place.
5. Get help from local law enforcement officials to isolate the area.
6. Do not attempt to extinguish a natural gas fire. Request the local fire department to protect adjacent property.
7. Do not attempt to operate any pipeline valves.

Indoors

The following signs may help you detect a leak inside a building:

- You may SMELL a gaseous or hydrocarbon odor (similar to sulfur or rotten eggs). A faint odor of natural gas may mean that a pilot light has gone out on an appliance and should be re-lit or that there is some other leak or problem present. Open the doors and windows for ventilation. Don't try to re-light a gas furnace, water heater or range until you are sure there is no natural gas left inside the building.
- You or someone in the building may experience dizziness, headache, nausea, fatigue or flu-like symptoms. This could be a sign that a natural gas leak or release of carbon monoxide has occurred, which may be the result of an improperly adjusted natural gas appliance inside your home or workplace.

If you suspect a natural gas leak, DO NOT use a telephone or flashlight, switch a light on or off, light a match or create any other ignition source. Leaking natural gas can ignite, so you should immediately leave the house and go to a safe area where there is no indication of a natural gas leak. This may be a neighbor's house. Call us at 1-502-589-5511 (outside Louisville 1-800-331-7370). You should do the same thing if you suspect carbon monoxide is present in the home. Carbon monoxide detectors can be purchased from home improvement stores or from various online sources.



Home > LG&E > Gas Leak Survey

## Gas Leak Survey

As part of our commitment to regulatory compliance and safety, we routinely conduct natural gas leak surveys on the gas distribution system throughout our service area. These surveys are required under federal and state regulations and require that the gas distribution system is inspected up to the outlet of a customer's gas meter to ensure the integrity of the natural gas system.

We understand how much you rely on your natural gas service and assure you we make every effort to perform this work as quickly and safely as possible.

- Residential Customers
- Business Customers
- About LG&E
- Plant Information
- Economic Development
- Outages
- LG&E Territory
- High Voltage
- Safety Video

### Frequently Asked Questions

- Q: What does "leak survey" mean?**  
**A:** The term "Leak Survey" means LG&E has trained personnel using highly specialized equipment designed to detect the presence of natural gas. To do this, our personnel walk the natural gas pipeline routes. When the equipment detects the presence of natural gas, our technicians will further investigate to isolate the location of the detected gas leak.
- Q: Why is LG&E performing a leak survey on my property?**  
**A:** LG&E is committed to providing safe, reliable natural gas service, as well as regulatory compliance. Federal and state regulations require natural gas companies to conduct leak surveys of the gas distribution piping up to the outlet of a customer's gas meter to ensure the integrity of the natural gas system. We will make every effort to perform the work as quickly and safely as possible.
- Q: The letter I received says I am responsible for making repairs. Why isn't LG&E responsible for doing that for me?**  
**A:** LG&E does not own the piping that extends from the property line to the building or into the building. However, LG&E will inspect the entire service line and maintain and service company-owned equipment, including the natural gas meter and regulator as necessary to ensure safe, reliable operation and service.
- Q: Will LG&E replace my gas customer service line for a fee?**  
**A:** No. We recommend you contract with a plumber to have the work done. It is not necessary for the plumber to be licensed; LG&E will inspect and test the work performed to ensure the work meets our requirements.
- A good strategy may be to secure several bids and select a plumber or business you feel comfortable hiring. You may want to consider using a certified professional from the Yellow Pages or contact the Better Business Bureau for details about a particular business before contracting with them to make the repairs.
- Q: Is natural gas dangerous?**  
**A:** Natural gas is not toxic. It is not poisonous. Natural gas does displace the breathable air, so if someone starts to feel sick or light-headed as a result of natural gas, it is because

- Links
- Gas Leak Survey Main
  - Pipeline Integrity
  - Natural Gas Safety
  - Carbon Monoxide
  - Leak Detection
  - Gas Storage - Muldraugh and Magnolia

Yellow Pages or contact the Better Business Bureau for details about a particular business before contracting with them to make the repairs.

**Q: Is natural gas dangerous?**

**A:** Natural gas is not toxic. It is not poisonous. Natural gas does displace the breathable air, so if someone starts to feel sick or light-headed as a result of natural gas, it is because they are being deprived of oxygen. Natural gas is lighter than air, therefore, if it is outside it rises into the atmosphere and dissipates.

Natural gas is flammable, which is how we access its energy. For natural gas to burn, there has to be a correct air/gas mixture. Our natural gas system is designed to ensure the flammable mixture does not exist while the natural gas is within our piping.

Therefore, we perform regular leak surveys to ensure the natural gas remains inside the piping to reduce any risks associated with leaking gas.

**Q: Why does LG&E have to come inside my home/business to perform the leak survey?**

**A:** There are two situations where LG&E would need to access the inside of your home or business to conduct the leak survey.

1. The natural gas meter serving the property is inside the building. State and federal regulations require us to complete the leak survey to the outlet of the gas meter. To accomplish that, we must survey all of the piping up to the meter regardless of where the pipe is located.
2. If the property is commercial or industrial, has a basement and is within a business district, state regulations require that we check the basement. This is to ensure the natural gas is not migrating through cracks in the wall, etc. and accumulating inside the building.

**Q: How often does the leak survey occur?**

**A:** Generally speaking, leak surveys are performed in residential areas every three (3) years. LG&E surveys approximately one-third of its system every year. For business districts, LG&E is required to complete the survey annually. Locations along our gas transmission system are required to be surveyed once or twice a year depending on the attributes of the pipeline and the area in which it lies.

**Q: I have been living in my home for a long time. Why haven't I seen evidence of a leak survey before now?**

**A:** We may have visited your area at a time when you were not at home. We make every effort to perform the work without intruding and we only notify our customers during the survey work when we detect a potential natural gas issue that needs to be addressed.

**Q: Who should I get to make repairs or replace my service?**

We recommend you contract with a plumber to have the work done. It is not necessary for the plumber to be licensed; LG&E will inspect and test the work performed to ensure the work meets our requirements.

A good strategy may be to secure several bids and select a plumber or business you feel comfortable hiring. You may want to consider using a certified professional from the Yellow Pages or contact the Better Business Bureau for details about a particular business before contracting with them to make the repairs.

**Q: How do I avoid damaging other buried lines in my yard when my plumber or I am digging?**

**A:** Whoever is excavating should contact owners of buried lines to request the lines be located. This is typically done by dialing 811 to call Kentucky 811. Kentucky 811 then informs member utility companies of your plans to excavate so they know to come locate their lines. The companies will place colored flags in your yard or use colored spray paint to indicate the locations of the buried lines. Companies typically locate up to their meter or junction box even if you own a portion of the line. It can take up to 48 hours from the time you call to get the lines located.

**Q: Will it be necessary to dig my entire yard to replace my service?**

**A:** The type of work required and the impact on customer property varies from service to service. Much depends on the layout of the yard, the condition and size of the existing piping and the route of the current piping. Ultimately, this is a discussion you will need to have with the individual or company you hire to perform the work for you.

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**Q: Who is responsible for fixing my driveway or sidewalk if a leak is detected?**

**A:** If the natural gas service is located under the sidewalk or driveway at your property line (the point where LG&E's facility connects to your service), LG&E will make the necessary repairs to an area roughly two feet by four feet at that connection point. If there are other areas that are disturbed as a result of the necessary repairs to your service, those are the responsibility of the property owner.

**Q: How will I know when I need to be home so you can survey the piping that leads to my meter?**

**A:** If your meter is inside and you are not at home when we visit to perform the leak survey, we will leave notification in the form of a door hanger. This hang tag will include a telephone number so you can contact us to schedule an appointment to allow us to perform the survey. Obviously, if your meter is outside, it will not be necessary for you to be home when the survey is performed.

**Q: What if I have additional questions that have not been answered here?**

**A:** We encourage you to contact us at 502-589-1444 or 800-331-7370 Monday through Friday from 7 a.m. until 7 p.m. if you have questions or need additional information about the leak survey inspection.



Home > Residential Services > LG&E Residential Services > Important Natural Gas Odorant Information



## Important Natural Gas Odorant Information

Billing FAQ

Bill Inserts

Customer Service Center

Customer Handbooks

Electric Vehicles

Energy Efficiency Programs

Smart Saver Tips

Fuel Cost Comparison

Heating Assistance Programs

Home Energy Usage Guide

How to Read Your Meter

Kentucky 811 (Before You Dig)

Natural Gas Safety

Net Metering

Outages

Online Billing

Payment Options

Power Source Newsletter

Rates/Tariffs

Safety Information

This notice is to provide customers and contractors, who work on natural gas piping, equipment, and appliances with additional safety information on natural gas odorant and the potential for odor fade.

Louisville Gas and Electric Company (LG&E) odorizes natural gas that is delivered through its natural gas distribution system. The odorization of natural gas for leak detection and public safety is regulated by the Department of Transportation (DOT), and by the Kentucky Public Service Commission (KPS-C). LG&E routinely monitors odor concentration in the gas distribution system to ensure compliance with the regulatory requirements listed above.

Even though odorant is added to natural gas to assist in the detection of leaks, you should not rely solely on your sense of smell to determine if a gas leak has occurred or is occurring. Some persons may not be able to detect the odorant because of a diminished sense of smell or because the odorant smell is being masked by other odors. In addition, there may be rare conditions, such as odor fade (loss of odorant), which may occur and may cause the odor to diminish so that it is not detectable.

Odor fade or loss of odorant can occur when physical and/or chemical processes including adsorption, absorption and oxidation cause the level of odorant in the gas to be reduced. This can occur more frequently in installations of new gas pipe than in existing pipe. It is more likely to occur in new steel pipe of larger diameters and longer lengths. Odorant fade can also occur in plastic pipe and in smaller and/or shorter pipe installations. Conditioning of new pipeline installations or additions of new piping segments may be needed before the pipe is placed into service to prevent odorant fade.

Soil may also cause odorant fade if a natural gas leak occurs underground. Other factors that could cause odorant fade include: the construction and configuration of a customer's gas facilities; the presence of rust, moisture, liquids or other substances in the pipe; and gas composition, pressure or flow. Little or no gas flow over an extended period of time can also result in odorant fade until gas flow increases or becomes more frequent.

Never purge the contents of a gas line into a confined space. Only a licensed, qualified professional should purge a gas line. Purging should be done in a well-ventilated area or by venting the contents to the outside atmosphere. Gas detection equipment should always be used during purging operations or when working on gas piping systems to ensure that no natural gas is present that may result in a combustible or hazardous atmosphere.

**DO NOT** rely on your sense of smell alone to detect the presence of natural gas.

Consult your local fuel gas code for more information. When installing gas appliances or equipment, the manufacturer's instruction manual should be followed in accordance with the local code requirements.

### Natural Gas Safety Links

Leak Detection

Gas Leak Survey

Odorant Fade

Carbon Monoxide Safety

Call Kentucky 811 (Before You Dig)

General Safety

Important Safety Notice Regarding Brass Connectors for Natural Gas Appliances

Pipeline Integrity

Abandoned Gas Wells (West Point)



Home > Residential Services > LG&E Residential Services > Natural Gas Safety



## Natural Gas Safety Information

[Billing FAQ](#)

[Bill Inserts](#)

[Customer Service Center](#)

[Customer Handbooks](#)

[Electric Vehicles](#)

[Energy Efficiency Programs](#)

[Smart Saver Tips](#)

[Fuel Cost Comparison](#)

[Heating Assistance Programs](#)

[Home Energy Usage Guide](#)

[How to Read Your Meter](#)

[Kentucky 811 \(Before You Dig\)](#)

[Natural Gas Safety](#)

[Net Metering](#)

[Outages](#)

[Online Billing](#)

[Payment Options](#)

[Power Source Newsletter](#)

[Rates/Tariffs](#)

[Safety Information](#)

### Carbon Monoxide Safety

Know the symptoms.

To burn, natural gas must mix with the proper amount of air and be ignited by a flame or a spark. A properly burning natural gas flame will be a crisp blue color. If natural gas is burned without enough air, it may produce carbon monoxide — a poisonous gas.

Carbon monoxide is a colorless, odorless gas that can occur when coal, wood, propane, kerosene or natural gas isn't properly or completely burned. That can happen in different ways, such as when a heater, stove or furnace is malfunctioning or when a charcoal grill is used indoors without proper ventilation. It can even happen when your chimney hasn't been cleaned or is blocked by something.

A person exposed to carbon monoxide may initially complain of dizziness, headache, nausea, fatigue and other flu-like symptoms. Heavy or prolonged exposure can lead to loss of consciousness and even convulsions that can cause brain damage or death.

Protect yourself and your family by:

- Making sure all of the natural gas appliances in your home are properly installed and maintained.
- Checking to ensure your chimney flues, vent pipes and heat exchangers are not cracked, bent or closed. Inspect them every year.
- Not using a charcoal grill indoors unless it's designed for indoor use. (These have built-in exhaust systems that carry smoke and fumes out of the house.)
- Not letting your car run in a closed garage. Always open the garage door before you start the engine.
- NEVER use a kitchen range or oven to heat a room. This can produce dangerous carbon monoxide gas, as well as damage the range.

If your gas range burners don't light, check to see if the pilot lights are burning. If they are not, turn all the burners to "OFF". Open

#### Natural Gas Safety Links

[Leak Detection](#)

[Gas Leak Survey](#)

[Odorant Fade](#)

[Carbon Monoxide Safety](#)

[Call Kentucky 811 \(Before You Dig\)](#)

[General Safety](#)

[Important Safety Notice Regarding Brass Connectors for Natural Gas Appliances](#)

[Pipeline Integrity](#)

[Abandoned Gas Wells \(West Point\)](#)

- Home Energy Usage Guide
- How to Read Your Meter
- Kentucky 811 (Before You Dig)
- Natural Gas Safety
- Net Metering
- Outages
- Online Billing
- Payment Options
- Power Source Newsletter
- Rates/Tariffs
- Safety Information
- Start/Stop Services
- Vegetation Management

Protect yourself and your family by:

- Making sure all of the natural gas appliances in your home are properly installed and maintained.
- Checking to ensure your chimney flues, vent pipes and heat exchangers are not cracked, bent or closed. Inspect them every year.
- Not using a charcoal grill indoors unless it's designed for indoor use. (These have built-in exhaust systems that carry smoke and fumes out of the house.)
- Not letting your car run in a closed garage. Always open the garage door before you start the engine.
- NEVER use a kitchen range or oven to heat a room. This can produce dangerous carbon monoxide gas, as well as damage the range.

If your gas range burners don't light, check to see if the pilot lights are burning. If they are not, turn all the burners to "OFF". Open the doors and windows for ventilation. Do not attempt to re-light a gas range until you are sure there is no natural gas left inside the building. Apply a match to each pilot light (unless you have electronic ignition).

If a natural gas stove or furnace pilot light won't light, call your appliance or heating contractor. If you suspect a natural gas leak, DO NOT use a telephone or flashlight, switch a light on or off, light a match or create any other ignition source. Leaking natural gas can ignite, so you should immediately leave the house and go to a safe area where there is no indication of a natural gas leak. This may be a neighbor's house. Call us at 1-502-589-5511. A strong odor of natural gas is one indication of a natural gas leak.

### Important Telephone Numbers to Remember

LG&E's Natural Gas Trouble/Emergencies (24 hours/day, 365 days/year):  
(502) 589-5511

LG&E's Customer Service Department (M-F 7am-7pm):  
(502) 589-1444

Kentucky 811:  
Dial '811'



## Natural Gas Safety Information

- Billing FAQ
- Bill Inserts
- Customer Service Center
- Customer Handbooks
- Electric Vehicles
- Energy Efficiency Programs
- Smart Saver Tips
- Fuel Cost Comparison
- Heating Assistance Programs
- Home Energy Usage Guide
- How to Read Your Meter
- Kentucky 811 (Before You Dig)
- Natural Gas Safety
- Net Metering
- Outages
- Online Billing
- Payment Options
- Power Source Newsletter
- Rates/Tariffs
- Safety Information

### General Safety

#### Maintain Gas Lines

Maintain natural gas lines inside and outside the house to prevent leaks. The gas service lines buried from the property line to the house and all piping within the house are the responsibility of the property owner. LG&E will periodically survey all outside piping leading up to your gas meter for leaks and will advise you if any maintenance is required on your portion of the service line. We will also inform you of any rust that is discovered on any outside piping that is exposed to the weather and advise you to paint the affected area.

#### Teach Natural Gas Safety to Your Family

Every family member should know how to find and turn off the natural gas shut-off valve at the meter. The valve should be closed only in the event of a natural gas emergency in your home or if advised to do so by LG&E. If you turn off the shut-off valve, do not turn it on again. Call LG&E at (502) 589-5511 (outside Louisville 800-331-7370) and let us safely re-establish your gas service for you at no charge.

Teach small children to stay away from the gas range and other gas-burning appliances. Don't let children swing from or play with pipes leading to water heaters or ranges.

Practice safety drills for getting the family out of the house at night in the event of a natural gas emergency or any other emergency situation, such as a fire.

- Natural Gas Safety Links**
- Leak Detection
  - Gas Leak Survey
  - Odorant Facts
  - Carbon Monoxide Safety
  - Call Kentucky 811 (Before You Dig)
  - General Safety
  - Important Safety Notice Regarding Brass Connectors for Natural Gas Appliances
  - Pipeline Integrity
  - Abandoned Gas Wells (Next Point)



Home > Residential Services > LG&E Residential Services > Connector Safety



## Brass Connector Safety Issues

- Billing FAQ
- Bill Inserts
- Customer Service Center
- Customer Handbooks
- Electric Vehicles
- Energy Efficiency Programs
- Smart Saver Tips
- Fuel Cost Comparison
- Heating Assistance Programs
- Home Energy Usage Guide
- How to Read Your Meter
- Kentucky 811 (Before You Dig)
- Natural Gas Safety
- Net Metering
- Outages
- Online Billing
- Payment Options
- Power Source Newsletter
- Rates/Tariffs
- Safety Information

Flexible gas connectors are corrugated metal tubing used to connect appliances such as stoves and dryers to natural gas supply pipes. Uncoated brass flexible connectors, installed prior to 1977, are susceptible to cracking, breaking and deterioration due to moving, bending, corrosion or the way they were made. The connectors have a flaw in how the tubing was joined to the end pieces. Over time, the end pieces can separate and cause a gas leak, which could lead to property damage or injury if not replaced immediately.

Not all uncoated connectors have this flaw, but it's difficult to tell which ones do. Therefore, the U.S. Consumer Products Safety Commission recommends replacement of any uncoated brass connector with either a new plastic-coated brass or a new stainless steel connector. Connectors should always be replaced whenever the appliance is replaced or moved from its location.

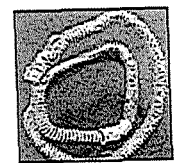
**Do NOT attempt to move the appliance yourself to check the connector.**  
Contact a licensed plumber or qualified professional appliance repair service to inspect your connectors and replace them if necessary.

### Natural Gas Safety Rules

To prevent accidents:

- Follow manufacturer's instructions with all appliances.
- Have your appliances installed, serviced and repaired by professionals.
- Keep areas around your natural gas water heater and furnace clean and free of flammables.

- #### Natural Gas Safety Links
- Leak Detection
  - Gas Leak Survey
  - Odorant Fade
  - Carbon Monoxide Safety
  - Call Kentucky 811 (Before You Dig)
  - General Safety
  - Important Safety Notice Regarding Brass Connectors for Natural Gas Appliances
  - Pipeline Integrity



Uncoated Brass Flexible Connector

Acceptable Flexible Connectors



- Heating Assistance Programs
- Home Energy Usage Guide
- How to Read Your Meter
- Kentucky 811 (Before You Dig)
- Natural Gas Safety
- Net Metering
- Outages
- Online Billing
- Payment Options
- Power Source Newsletter
- Rates/Tariffs
- Safety Information
- Start/Stop Services
- Vegetation Management

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- Keep areas around your natural gas water heater and furnace clean and free of flammables.

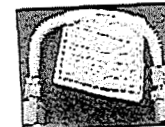


Uncoated Brass Flexible Connector

Acceptable Flexible Connectors



Coated Brass



Coated Stainless Steel



Uncoated Stainless Steel



Pipeline Integrity Home  
Natural Gas Safety

## Pipeline Integrity

Safety is our top priority at LG&E. Ensuring the integrity of our pipeline system enables us to successfully meet our goal of safely providing natural gas to our customers without adversely affecting our employees or the environment.

The Pipeline Safety Improvement Act was signed into law by President George Bush in December 2002. Congress crafted the legislation as an amendment to the 1994 Pipeline Safety Law, largely in response to pipeline ruptures in various areas of the country that resulted in fatalities. A broad focus of the act is to make pipeline companies and the public more responsible and accountable for their actions and to prevent accidents of the magnitude seen in the past. One of the provisions of the act required the Secretary of Transportation to issue regulations defining integrity management programs, prescribing the standards for conducting a risk analysis and the adoption and implementation of an integrity management program for natural gas pipelines.

In December 2003, the Office of Pipeline Safety issued a final rule requiring natural gas transmission pipeline operators, like LG&E, to adopt plans to identify and protect natural gas lines in High Consequence Areas (HCA), where failures could cause harm to people and property.

Another requirement of the act is for all pipeline operators to implement a continuing awareness program to educate the public and other key parties, such as excavators, government officials and emergency response agencies, about numerous topics related to natural gas. Those topics include information about a one-call notification system prior to digging or excavating, damage-prevention activities, hazards associated with unintended natural gas pipeline releases, physical indications that a release might have occurred, related emergency steps, and how to report the event.

As it has for decades, LG&E will continue to aggressively communicate safe operating and work procedures and other safety information regarding natural gas. In addition, LG&E is committed to complying with all requirements of the Pipeline Safety Improvement Act.

LG&E's Integrity Management Program addresses the following issues and elements:

### For more information about the Pipeline Safety Improvement Act

U.S. Department of Transportation's Office of Pipeline Safety

Kentucky 011

American Gas Association

Southern Gas Association

Kentucky Gas Association

National Pipeline Mapping System

committed to complying with all requirements of the Pipeline Safety Improvement Act.  
LG&E's Integrity Management Program addresses the following issues and elements:

- **High-Consequence Areas (HCAs)** — A high-consequence area is a specifically defined location where releases or operational impacts could have greater impacts on health, safety or the environment. LG&E has identified sections of its pipeline that could affect HCAs and is taking specific measures to ensure the integrity of its pipelines in these areas.
- **Threat Identification and Risks** — LG&E uses a threat-based methodology to assess and rank the risks associated with individual sections of pipeline located in HCAs.
- **Baseline Assessment Plan** — Risk assessment provides LG&E with a rational and consistent method to assess the integrity of a particular section of its pipeline. This method, along with the threat identification process, allows us to prioritize the risk and more effectively allocate the resources required to identify and alleviate potential integrity concerns.
- **Remediation and Prevention** — Remediation is defined as action taken by the operator to mitigate the danger of a potential integrity concern. LG&E's remediation work includes pressure reduction and/or repair and preventive measures that identify and stop a potential problem in an effort to prevent failure.
- **Performance and Quality Assurance** — LG&E regularly evaluates its integrity management program to:
  - verify consistent application;
  - identify improvement opportunities; and
  - ensure the program is effectively assessing pipeline integrity and protecting high-consequence areas.
- **Communications** — LG&E has produced and implemented a communications plan so affected audiences will be informed of the company's integrity management efforts and results.
- **Personnel Qualification and Training** — LG&E uses a number of defined processes to verify all personnel involved in the integrity management program receive the proper training and are fully qualified for their assigned responsibilities.

Please contact our integrity management staff by e-mail if you have any questions about our integrity management efforts or if you would like additional information.



## Natural Gas Safety Information

**Call Kentucky 811 before you dig**  
Careless Accidents Can be Avoided

Kentucky state law (KRS 367.4901 to 367.4917) requires companies involved in excavation activities to call a minimum of two business days before digging to arrange for location and marking of underground facilities in an excavation area. Digging into a natural gas line can cause injury or death. In addition to calling for a line location, remember:

- If you strike or damage a gas line, notify LG&E immediately at (502) 589-5511 (outside Louisville 800-331-7370).
- Always hand dig to gas pipes.
- If coating on wrapped pipe is damaged or plastic pipe is gouged, contact LG&E immediately.
- If a gas pipe has been damaged and gas is blowing, immediately turn off all equipment and remove/stop all ignition sources (cell phones, nylon jackets, vehicles, smoking). Allow the gas to vent into the atmosphere.
- Do not operate valves.
- Do not try to squeeze off plastic pipe; there is a great potential for static electricity on plastic pipe that could ignite the blowing gas.
- Do not leave, try to self-repair or cover up damaged pipe; the potential danger for the public is still there.

**Dial 811  
before you dig!**

When you call Kentucky 811, they will coordinate with Kentucky 811 member utilities in the area to have their underground lines marked free of charge to the caller.

A "locate request call" sets the following process in motion:

1. Kentucky 811 member utilities with underground facilities in the vicinity of the planned excavation are notified. This

### Natural Gas Safety Links

- Leak Detection
- Gas Leak Survey
- Odorant Facts
- Carbon Monoxide Safety
- Call Kentucky 811 (Before You Dig)
- General Safety
- Important Safety Notice Regarding Brass Connectors for Natural Gas Appliances
- Pipeline Integrity
- Abandoned Gas Wells (West Point)

- Billing FAQ
- Bill Inserts
- Customer Service Center
- Customer Handbooks
- Electric Vehicles
- Energy Efficiency Programs
- Smart Saver Tips
- Fuel Cost Comparison
- Heating Assistance Programs
- Home Energy Usage Guide
- How to Read Your Meter
- Kentucky 811 (Before You Dig)
- Natural Gas Safety
- Net Metering
- Outages
- Online Billing
- Payment Options
- Power Source Newsletter
- Rates/Tariffs
- Safety Information

- Kentucky 811 (Before You Dig)
- Natural Gas Safety
- Net Metering
- Outages
- Online Billing
- Payment Options
- Power Source Newsletter
- Rates/Tariffs
- Safety Information
- Start/Stop Services
- Vegetation Management

blowing gas.








- Do not leave, try to self-repair or cover up damaged pipe; the potential danger for the public is still there.

### Dial 811 before you dig!

When you call Kentucky 811, they will coordinate with Kentucky 811 member utilities in the area to have their underground lines marked free of charge to the caller.

A "locate request call" sets the following process in motion:

1. Kentucky 811 member utilities with underground facilities in the vicinity of the planned excavation are notified. This may include natural gas, electric, telephone, cable and water companies.
2. Operator crews or their subcontractors either mark their underground facilities or tell the excavator they have no lines in the area. The markings are completed by using either paint or flags according to the standard color code system:

-  = Electric
-  = Gas, oil or steam
-  = Telephone or television
-  = Water
-  = Sewer
-  = Temporary survey markings
-  = Proposed excavation

#### Pipeline Safety Considerations

- When planning your landscaping projects, avoid planting trees or large shrubs near your gas meter. As the tree grows, it could cause damage to the gas pipeline facilities in your area.
- Help enforce state laws by ensuring that any contractor working on your behalf has contacted Kentucky 811 to have all underground lines properly marked before beginning the work. Protect your property and prevent damage to natural gas and other underground facilities by ensuring the lines have been properly marked. You'll know if the contractor has notified Kentucky 811 because you will see paint or flags in your yard indicating the lines have been marked.

7. Interview notes between Keith McBride, LMFD & LG&E employees onsite at time of incident  
[NOT PROVIDED]

- 8. Work orders and screen shots from crew onsite at time of incident**



### GAS JOB CARD

Initiating System: TOE / Initiating System ID: G000006331 STORMS WR: 3132569

Order #: G000006331

GENERAL		Job Address:	Corrected Address:	District:
OP Cntr: <u>G TRB EM</u>	Job Address: <u>5202 RIVER TRAIL PL LOT 103</u>			Area: _____
Crew: <u>E003068T</u>	<u>LOUISVILLE, KY 402295207</u>			Zone: _____
Call Type: <u>GRLK</u>	Contact name: <u>SHEREE M CHESTNUT</u>	Customer Name: <u>SHEREE M CHESTNUT</u>		Tax District: _____
Call Time: <u>12/6/2011 3:54:48 AM</u>	Contact Phone: <u>                  </u>	Customer Phone: <u>                  </u>		
Enroute Time: <u>12/6/2011 4:18:02 AM</u>	Comments: <u>States not smelling it in home at all it is outside</u>			
Date of Job: <u>12/06/2011</u>				

LEAK INFO	METER INFORMATION
Grade: _____	As Found Meter # <u>000104141</u>
Leak Status: _____	Reading <u>5659</u>
Gas Reading: _____	As Left Meter # _____
Read Location: _____	Reading _____
Read Distance: _____	Type _____
System: _____	Location _____
Occured On: _____	On/Off _____
Part: _____	Status _____
Leak Cause: _____	AMR # _____
Gas Left: <u>On at arrival</u>	Red Tags _____
Odorant Detected: _____	Regulator: _____
	ByPass: _____
	Tag 1: _____
	Tag 2: _____
	Tag 3: _____
	Tag 1 Appl: _____
	Tag 2 Appl: _____
	Tag 3 Appl: _____

APPLIANCES LIT		
Cookstove: _____	Pool Heater: _____	Fireplace: _____
Water Heater: _____	Outside Grill: _____	Dryer: _____
Gas Light: _____	Furnace: _____	Other: _____
Owner To Relight: _____		

TEST PRESSURE	COMPANY SERVICE	CUSTOMER SERVICE	HOUSELINES	Regulator Lockup Test
Pressure: _____	Pressure: _____	Pressure: _____	Pressure: _____	_____
Duration: _____	Duration: _____	Duration: _____	Duration: _____	_____
Result: <u>Not Applicable</u>	Result: _____	Result: _____	Result: <u>Not Applicable</u>	_____

RESOLUTION INFO	Stop Box:	Accessible:	Operable:
Work Performed: <u>GSFT-GAS SITE SAFETY</u>	_____	_____	_____
Job Completed: <u>Yes</u>	Time Gas Off: _____		
Completed By: <u>E003068T - Peavler Kenneth</u>	Time Gas On: _____		
Arrival Time: <u>12/6/2011 4:30:54 AM</u>	C.O. Amount: _____		
Completion Time: <u>12/6/2011 7:00:44 AM</u>	Which Appliance: _____		

Comments: no leak at this address-order from leak on main at intersection of River Trail Pl. and Queens Castle Blvd.-advised party-notified supervisor and turned over to const.-called BUD-const. on job at 6:52 am.

MATERIAL INFORMATION			STOPBOX LOCATION
	COMPANY SERVICE	CUSTOMER SERVICE	
Number:			Primary: _____
Type:			Secondary: _____
Long/Short:			_____
Pressure:			_____
Length:			_____
Size:			_____
Material:			_____
Grade:			_____
Wall:			_____
Coating:			_____
Field Coating:			_____
Manufacturer:			_____
Mfg Date:			_____
Mfg Batch No:			_____
<b>Customer Service Installations</b>			<b>TAP</b>
<u>To be completed for all customer service installations.</u>			Depth: _____ Under Pavement: _____ EFV Type: _____
Installation Method: _____	Inspection Date: _____	Inspection Method: _____	_____
Company: _____	Employee #: _____	Forman: _____	_____
<b>Sketch Area</b>			<b>Service Head Adapter</b>
			Riser Type: _____ Status: _____
			Manufacturer: _____
			Installation CO: _____
			Remarks: _____
			<b>Lot Info</b>
			Lot Size: _____ Distance: _____
			<b>Corrosion</b>
			Soil Type: _____ Service Isolated: _____
			Ext Corrosion: _____ Cathodic Protection: _____
			Int Corrosion: _____
			Pipe To Soil Potential: _____ Part Tested: _____
			Anode-CO Piping: _____ Anode Type: _____
			Anode-Cust Piping: _____ Anode Type: _____
			_____

### GAS JOB CARD

Initiating System: TOE / Initiating System ID: G000006332 STORMS WR: 3132570

Order #: G000006332

<b>GENERAL</b>		Job Address: 5202 RIVER TRAIL PL LOT 103 LOUISVILLE, KY 402295207	Corrected Address: _____	District: _____
OP Cntr: G TRB EM	Crew: E009280T	Contact name: SHEREE M CHESTNUT	Customer Name: SHEREE M CHESTNUT	Area: _____
Call Type: GRLK	Call Time: 12/6/2011 4:15:12 AM	Contact Phone: _____	Customer Phone: _____	Zone: _____
Enroute Time: _____	Date of Job: 12/06/2011	Comments: States not smelling it in home at all it is outside--cancel, duplicate ticket.		
				Tax District: _____

<b>LEAK INFO</b>	<b>METER INFORMATION</b>
Grade: _____ System: _____	As Found Meter # 000104141
Leak Status: _____ Occured On: _____	Reading _____
Gas Reading: _____ Part: _____	As Left Meter # _____
Read Location: _____ Leak Cause: _____	Reading _____
Read Distance: _____ Gas Left: _____	Type _____
Odorant Detected: _____	Location _____
<b>APPLIANCES LIT</b>	On/Off _____
Cookstove: _____ Pool Heater: _____ Fireplace: _____	Status _____
Water Heater: _____ Outside Grill: _____ Dryer: _____	AMR # _____
Gas Light: _____ Furnace: _____ Other: _____	Regulator: _____ ByPass: _____
Owner To Relight: _____	Red Tags _____
	Tag 1: _____ Tag 2: _____ Tag 3: _____
	Tag 1 Appl: _____ Tag 2 Appl: _____ Tag 3 Appl: _____

<b>TEST PRESSURE</b>	<b>CUSTOMER SERVICE</b>	<b>HOUSELINES</b>	<b>Regulator Lockup Test</b>
Pressure: _____	Pressure: _____	Pressure: _____	_____
Duration: _____	Duration: _____	Duration: _____	_____
Result: _____	Result: _____	Result: _____	_____

<b>RESOLUTION INFO</b>	<b>Stop Box: _____ Accessible: _____ Operable: _____</b>
Work Performed: GWKC-GAS WORK CANCELLED	Time Gas Off: _____
Job Completed: No	Time Gas On: _____
Completed By: E009280T - Gant Janet	C.O. Amount: _____
Arrival Time: _____	Which Appliance: _____
Completion Time: 12/6/2011 7:14:54 AM	
Comments: cancel, duplicate ticket.	

Order #: G000006332

STOPBOX LOCATION

MATERIAL INFORMATION

	COMPANY SERVICE	CUSTOMER SERVICE	MAIN
Number:	_____	_____	_____
Type:	_____	_____	_____
Long/Short:	_____	_____	_____
Pressure:	_____	_____	_____
Length:	_____	_____	_____
Size:	_____	_____	_____
Material:	_____	_____	_____
Grade:	_____	_____	_____
Wall:	_____	_____	_____
Coating:	_____	_____	_____
Field Coating:	_____	_____	_____
Manufacturer:	_____	_____	_____
Mfg Date:	_____	_____	_____
Mfg Batch No:	_____	_____	_____

Primary: \_\_\_\_\_  
 Secondary: \_\_\_\_\_  
 \_\_\_\_\_

TAP

Depth: \_\_\_\_\_ Under Pavement: \_\_\_\_\_ EFV Type: \_\_\_\_\_  
 \_\_\_\_\_  
 LOCATION  
 Primary: \_\_\_\_\_  
 Secondary: \_\_\_\_\_  
 \_\_\_\_\_

Service Head Adapter

Riser Type: \_\_\_\_\_ Status: \_\_\_\_\_  
 Manufacturer: \_\_\_\_\_  
 Installation CO: \_\_\_\_\_  
 Remarks: \_\_\_\_\_

Customer Service Installations

To be completed for all customer service installations.

Installation Method: \_\_\_\_\_ Inspection Date: \_\_\_\_\_  
 Inspection Method: \_\_\_\_\_ Employee #: \_\_\_\_\_  
 Company: \_\_\_\_\_ Forman: \_\_\_\_\_

Lot Info

Lot Size: \_\_\_\_\_ Distance: \_\_\_\_\_

Sketch Area



Corrosion

Soil Type: \_\_\_\_\_ Service Isolated: \_\_\_\_\_  
 Ext Corrosion: \_\_\_\_\_ Cathodic Protection: \_\_\_\_\_  
 Int Corrosion: \_\_\_\_\_  
 Pipe To Soil Potential: \_\_\_\_\_ Part Tested: \_\_\_\_\_  
 Anode-CO Piping: \_\_\_\_\_ Anode Type: \_\_\_\_\_  
 Anode-Cust Piping: \_\_\_\_\_ Anode Type: \_\_\_\_\_

General

Order # ADV100000000000400 Customer Priority Code N AMR N Area G TRB EM - GAS TROU  
Job Code GRK - Reported Leak Create Time 12/06/2011 04:15:13  
Taken By CAMPBELL, JA Premise 0000914817 Complex Order #  
Initiating System TOE Initiating System ID G000006332

Callback Required  Callback Status CUSTOMER CALL REQUESTED  
Account # Account Status A Auto Dispatch N - No  
Contact Name SHEREE M CHESTNUT Contact Phone #  
Customer Name SHEREE M CHESTNUT Customer Phone #

Address 5202 RIVER TRAIL PL LOT 103  
LOUISVILLE KY 402295207

Comment States not smelling it in home at all it is outside  
Toe Clues: smell gas; public area; LGE been there - unknown; smell gas outside; do not see feel or hear gas escaping;  
strong odor; smelled for less than 1 hour  
Caller Name: SHEREE M CHESTNUT

Order Comment

Meter

	Meter #1	Meter #2	Meter #3
Meter #	000104141		
Meter In Date			
# of Dials	00		
Category	D018		
AMR	N		
Location	LS		
Pressure	.04		
Last Read Date	02-NOV-11		
Last Read Type	AC		
Last Meter Read	5582		

History

Taken By  Create Time   
 Tech ID

	Received	Dispatched	Acknowledged	En-Route	On-Site	Completed	Cancelled
Date	<input type="text" value="12/6/2011"/>	<input type="text" value="12/6/2011"/>	<input type="text" value="12/6/2011"/>	<input type="text" value="12/6/2011"/>	<input type="text" value="12/6/2011"/>	<input type="text"/>	<input type="text"/>
Time	<input type="text" value="5:24 AM"/>	<input type="text" value="5:28 AM"/>	<input type="text" value="6:22 AM"/>	<input type="text" value="6:23 AM"/>	<input type="text" value="6:52 AM"/>	<input type="text"/>	<input type="text"/>
Dispatcher		<input type="text" value="N091754D"/>					

Suspended  
 Date   
 Time   
 Code   
 Tech

Referred

Latitude   
 Longitude

Refer/Reschedule Date   
 Refer/Suspend Reason

BU   
 County

Dispatcher Log

---

mcbride request traffic control aprox 3:45 spoke with frank advising nd 2 off duty officers on queens castle for several hours



Comment History

12/6/2011 3:5 E009666D

mcbride request traffic control aprox 3:45 spoke with frank advising nd 2 off duty officers on queens castle for several hou

## GAS JOB CARD

Order #: ADV100000000000400

Initiating System: MOBILE / Initiating System ID: G00006332 STORMS WR: 3135928

Page 1 of 2

GENERAL			
OP Cntr: G TRB EM	Job Address: 5202 RIVER TRAIL PL LOT 103 LOUISVILLE, KY 402295207	Corrected Address:	District: _____
Crew: E003122T	Contact name: SHEREE M CHESTNUT	Customer Name: SHEREE M CHESTNUT	Area: _____
Call Type: GRLK	Contact Phone: [REDACTED]	Customer Phone: [REDACTED]	Zone: _____
Call Time: 12/6/2011 5:24:44 AM	Comments: States not smelling it in home at all it is outside		Tax District: _____
Enroute Time: _____			
Date of Job: 12/08/2011			

LEAK INFO	METER INFORMATION
Grade: _____ System: _____	As Found Meter # _____
Leak Status: _____ Occured On: _____	Reading _____
Gas Reading: _____ Part: _____	As Left Meter # _____
Read Location: _____ Leak Cause: _____	Reading _____
Read Distance: _____ Gas Left: _____	Type _____
Odorant Detected: _____	Location _____
On/Off _____	Status _____
AMR # _____	Regulator: _____ ByPass: _____
Red Tags _____	Tag 1: _____ Tag 2: _____ Tag 3: _____
Tag 1 Appl: _____ Tag 2 Appl: _____ Tag 3 Appl: _____	

TEST PRESSURE	CUSTOMER SERVICE	HOUSELINES	Regulator Lockup Test
Pressure: _____	Pressure: _____	Pressure: _____	_____
Duration: _____	Duration: _____	Duration: _____	_____
Result: Not Applicable	Result: _____	Result: Not Applicable	_____

RESOLUTION INFO	Stop Box: _____ Accessible: _____ Operable: _____
Work Performed: GWKC-GAS WORK CANCELLED	Time Gas Off: _____
Job Completed: Yes	Time Gas On: _____
Completed By: E003122T - Sumner Steve	C.O. Amount: _____
Arrival Time: _____	Which Appliance: _____
Completion Time: 12/8/2011 12:54:35 PM	
Comments: arrived on job met kenny pebbler on job this address was not correct for leak so thats why we are canceling this work order leak was at queens castle and river trail we arrived at aprox. 640 am while talking job over with kenny we found gas blowing by water meter at 5133 queens castle .we started planning a squeeze off plan while waiting on bud locates i went back to the truck to pull up measurements on main fittings in the area of the leak when i reached the truck the house at 5206 river trail	

Order #: ADV100000000000400

**MATERIAL INFORMATION**

	COMPANY SERVICE	CUSTOMER SERVICE	MAIN
Number:	_____	_____	_____
Type:	_____	_____	_____
Long/Short:	_____	_____	_____
Pressure:	_____	_____	_____
Length:	_____	_____	_____
Size:	_____	_____	_____
Material:	_____	_____	_____
Grade:	_____	_____	_____
Wall:	_____	_____	_____
Coating:	_____	_____	_____
Field Coating:	_____	_____	_____
Manufacturer:	_____	_____	_____
Mfg Date:	_____	_____	_____
Mfg Batch No:	_____	_____	_____

**STOPBOX LOCATION**

Primary: \_\_\_\_\_  
 Secondary: \_\_\_\_\_

**TAP**

Depth: \_\_\_\_\_ Under Pavement: \_\_\_\_\_ EFV Type: \_\_\_\_\_  
**LOCATION**  
 Primary: \_\_\_\_\_  
 Secondary: \_\_\_\_\_

**Service Head Adapter**

Riser Type: \_\_\_\_\_ Status: \_\_\_\_\_  
 Manufacturer: \_\_\_\_\_  
 Installation CO: \_\_\_\_\_  
 Remarks: \_\_\_\_\_

**Lot Info**

Lot Size: \_\_\_\_\_ Distance: \_\_\_\_\_

**Corrosion**

Soil Type: \_\_\_\_\_ Service Isolated: \_\_\_\_\_  
 Ext Corrosion: \_\_\_\_\_ Cathodic Protection: \_\_\_\_\_  
 Int Corrosion: \_\_\_\_\_  
 Pipe To Soil Potential: \_\_\_\_\_ Part Tested: \_\_\_\_\_  
 Anode-CO Piping: \_\_\_\_\_ Anode Type: \_\_\_\_\_  
 Anode-Cust Piping: \_\_\_\_\_ Anode Type: \_\_\_\_\_

**Customer Service Installations**

*To be completed for all customer service installations.*  
 Installation Method: \_\_\_\_\_ Inspection Date: \_\_\_\_\_  
 Inspection Method: \_\_\_\_\_ Employee #: \_\_\_\_\_  
 Company: \_\_\_\_\_ Foreman: \_\_\_\_\_

**Sketch Area**

\_\_\_\_\_

## GAS JOB CARD

Order #: G00006334

Initiating System: TOE / Initiating System ID: G00006334 STORMS WR: 3132528

Page 1 of 2

<b>GENERAL</b>		OP Cntr: G TRB EM	Job Address: 5202 RIVER TRAIL PL LOT 103 LOUISVILLE, KY 402295207	Corrected Address: _____	District: _____
Crew: E009280T	Contact name: KIM VOLZ	Customer Name: SHEREE M CHESTNUT	Area: _____	Zone: _____	Tax District: _____
Call Type: GIF1	Contact Phone: _____	Customer Phone: _____	Comments: *fire in the sewer system requesting gas supervisor—cancel, already on scene w previous ticket.		
Call Time: 12/6/2011 7:26:48 AM	Enroute Time: _____	Date of Job: 12/06/2011			

<b>LEAK INFO</b>	<b>METER INFORMATION</b>
Grade: _____ System: _____	As Found Meter # 000104141
Leak Status: _____ Occured On: _____	Reading: _____
Gas Reading: _____ Part: _____	As Left Meter # _____
Read Location: _____ Leak Cause: _____	Reading: _____
Read Distance: _____ Gas Left: _____	Type: _____
Odorant Detected: _____	Location: _____
<b>APPLIANCES LIT</b>	On/Off: _____
Cookstove: _____ Pool Heater: _____ Fireplace: _____	Status: _____
Water Heater: _____ Outside Grill: _____ Dryer: _____	AMR #: _____
Gas Light: _____ Furnace: _____ Other: _____	Regulator: _____ ByPass: _____
Owner To Relight: _____	Red Tags: _____
	Tag 1: _____ Tag 2: _____ Tag 3: _____
	Tag 1 Appl: _____ Tag 2 Appl: _____ Tag 3 Appl: _____

<b>TEST PRESSURE</b>	<b>CUSTOMER SERVICE</b>	<b>HOUSELINES</b>	<b>Regulator Lockup Test</b>
COMPANY SERVICE	CUSTOMER SERVICE	HOUSELINES	Regulator Lockup Test
Pressure: _____	Pressure: _____	Pressure: _____	_____
Duration: _____	Duration: _____	Duration: _____	_____
Result: _____	Result: _____	Result: _____	_____

<b>RESOLUTION INFO</b>	<b>Stop Box: Accessible: Operable:</b>
Work Performed: GWKC-GAS WORK CANCELLED	Time Gas Off: _____
Job Completed: No	Time Gas On: _____
Completed By: E009280T - Gant Janet	C.O. Amount: _____
Arrival Time: _____	Which Appliance: _____
Completion Time: 12/6/2011 7:30:46 AM	
Comments: _____	

Order #: G000006334

MATERIAL INFORMATION		COMPANY SERVICE	CUSTOMER SERVICE	MAIN
Number:	_____			_____
Type:	_____			
Long/Short:	_____			
Pressure:	_____			_____
Length:	_____			
Size:	_____	_____	_____	_____
Material:	_____	_____	_____	_____
Grade:	_____	_____	_____	_____
Wall:	_____	_____	_____	_____
Coating:	_____	_____	_____	_____
Field Coating:	_____	_____	_____	_____
Manufacturer:	_____	_____	_____	_____
Mfg Date:	_____	_____	_____	_____
Mfg Batch No:	_____	_____	_____	_____

**STOPBOX LOCATION**

Primary: \_\_\_\_\_  
 Secondary: \_\_\_\_\_

**TAP**

Depth: \_\_\_\_\_ Under Pavement: \_\_\_\_\_ EFV Type: \_\_\_\_\_

LOCATION

Primary: \_\_\_\_\_  
 Secondary: \_\_\_\_\_

**Service Head Adapter**

Riser Type: \_\_\_\_\_ Status: \_\_\_\_\_  
 Manufacturer: \_\_\_\_\_  
 Installation CO: \_\_\_\_\_  
 Remarks: \_\_\_\_\_

**Customer Service Installations**

To be completed for all customer service installations.

Installation Method: \_\_\_\_\_ Inspection Date: \_\_\_\_\_  
 Inspection Method: \_\_\_\_\_ Employee #: \_\_\_\_\_  
 Company: \_\_\_\_\_ Forman: \_\_\_\_\_

**Lot Info**

Lot Size: \_\_\_\_\_ Distance: \_\_\_\_\_

**Sketch Area**

**Corrosion**

Soil Type: \_\_\_\_\_ Service Isolated: \_\_\_\_\_  
 Ext Corrosion: \_\_\_\_\_ Cathodic Protection: \_\_\_\_\_  
 Int Corrosion: \_\_\_\_\_  
 Pipe To Soil Potential: \_\_\_\_\_ Part Tested: \_\_\_\_\_  
 Anode-CO Piping: \_\_\_\_\_ Anode Type: \_\_\_\_\_  
 Anode-Cust Piping: \_\_\_\_\_ Anode Type: \_\_\_\_\_

**9. Time line of calls, tech activity and crew activity**

Date / Time	Who	Action	
12/6/2011 3:54 AM	E026200	Create TOE entry based on customer reporting a leak outside.	
3:54 AM	auto	Order G000006331 generated from TOE entry.	
3:57 AM	N091754	Order G000006331 dispatched to trouble technician.	
4:15 AM	E026200	TOE entry based on a second call from customer.	
4:15 AM	auto	Order G000006332 generated from TOE entry.	
4:15 AM	E003068	Acknowledge order G000006331.	
4:18 AM	E003068	En route to order G000006331.	
4:30 AM	E003068	On site at order G000006331.	
5:12 AM	E006189	Request received from trouble technician requesting gas construction crew.	
5:17 AM	E006189	Contacted on-call crew leader, called into service center.	
5:19 AM	E006189	Contacted on-call mechanic, called into service center.	
5:20 AM	E006189	Informed trouble technician that gas construction crew was en route.	
5:22 AM	E006189	Called emergency dispatch and informed of the crew called in.	
5:24 AM	N091754	Create order ADV100000000000400.	
		Log crew into mobile dispatch system to assign order ADV100000000000400.	*1,3
5:28 AM	N091754	Dispatch order ADV100000000000400.	
		Log crew out of mobile dispatch system.	*2,3
6:22 AM	E003122	Acknowledge order ADV100000000000400.	
6:23 AM	E003122	En route to order ADV100000000000400.	
6:52 AM	E003122	On site at order ADV100000000000400.	
7:03 AM	E006189	Received notification of house explosion from Team Leader.	
7:04 AM	E006189	Informed Operations Manager of explosion.	
7:15 AM		Cancel order G000006332 as a duplicate ticket.	*3
7:26 AM	E026688	Create TOE entry based on customer reporting a fire.	
7:30 AM		Cancel order G000006334 as a duplicate ticket.	*3

**\* Notes:**

- 1) Exact time is unknown. System function requires time to be before order was dispatched.
- 2) Exact time is unknown. System function requires time to be after order was dispatched but before crew logged in to acknowledge order.
- 3) Person completing order is currently unknown. Dummy queue used for assigning order prior to completion.

**10. Drug test for results for three employees onsite**





*per Tanya*

**RESULT OF CONTROLLED SUBSTANCE TEST  
REGULATED & NON-REGULATED  
TEST FORM**

**TYPE OF TEST: (mark one or both)**  Drug Test  Breath Alcohol Test

NON-D.O.T. COMPANY POLICY (5 Panel Non-NIDA Drug Test)	D.O.T. - C.D.I. - (Regulated 5 Panel NIDA Drug Test & Breath Alcohol Test)	D.O.T. - 199 GAS - (Regulated 5 Panel NIDA Drug Test & Breath Alcohol Test)
(A) ___ Pre-Employment	(D) ___ Pre-Employment/Job Bid	(1) ___ Pre-Employment/Job Bid (Drug Only)
(B) ___ Post-Accident (Drug & Alcohol)	(I) ___ Post-Accident (Drug & Alcohol)	(2) <input checked="" type="checkbox"/> Post-Accident (Drug & Alcohol)
(C) ___ Random (Drug & Alcohol)	(R) ___ Random	(3) ___ Random (Drug Only)
(E) ___ Return to Duty Retest	(M) ___ Return to Duty Retest	(5) ___ Return to Duty Retest
(F) ___ Periodic Unannounced Retest	(N) ___ Periodic Unannounced Retest	(6) ___ Periodic Unannounced Retest
(H) ___ Reasonable Suspicion, Cause, or Fitness for Duty	(P) ___ Reasonable Suspicion, Cause, or Fitness for Duty	(8) ___ Reasonable Suspicion, Cause, or Fitness for Duty

(FOR PRE-EMPLOYMENT ONLY) HUMAN RESOURCE ASSOCIATE \_\_\_\_\_ PHONE # \_\_\_\_\_

Name of Employee: Kenneth Pearler Soc. Sec. # or Employee ID: [REDACTED]

Date of Substance Test (Collection Date): 12, 6, 11

Location of Test (Collection Site): 901 W. Broadway

Person or Entity/Performing the Test (Laboratory): CRL

---

To be completed by Medical Review Officer

TEST RESULTS: POSITIVE \_\_\_\_\_ NEGATIVE

TYPE OF DRUG FOUND \_\_\_\_\_

Date: 12, 7, 11 Signature of Medical Review Officer: *Wayne*

Form SD 461 (Revised 10/28/10)

MAIL RESULTS TO: Tanya D. Levine, LG&E and KU Services Company  
Corporate Health & Safety - 16<sup>th</sup> Floor  
P.O. Box 32010  
Louisville, KY 40232

# Alcohol Testing Form

(The instructions for completing this form are on the back of Copy 3)

**STEP 1: TO BE COMPLETED BY ALCOHOL TECHNICIAN**

A: Employee Name Kenneth Peavler  
(Print) (First, M.I., Last)

B: SSN or Employee ID No. [REDACTED]

C: Employer Name LGE **TAMPER**  
 Street PO BOX 32010  
Lou. Ky. 40232

City, State, ZIP  
 DER Name and Telephone No. Tanya Levine (502) 627-  
DER Name DER (Area Code & Phone Number)

D: Reason for Test:  Random  Reasonable Susp.  Post-Accident  Return to Duty  Follow-up  Pre-employment

RBT IV# 019532  
 DATE 12-06-11  
 TEST NO. 0269  
 ID# [REDACTED] **EVIDENT**  
 AS IUS 034666  
 SCREENING  
 G/210L TIME  
 .000 AUTO 11:26

**STEP 2: TO BE COMPLETED BY EMPLOYEE**

I certify that I am about to submit to alcohol testing required by U.S. Department of Transportation regulations and that the identifying information provided on the form is true and correct.

Kenneth Peavler 12-06-11  
 Signature of Employee Date Month / Day / Year

**STEP 3: TO BE COMPLETED BY ALCOHOL TECHNICIAN**

(If the technician conducting the screening test is not the same technician who will be conducting the confirmation test, each technician must complete their own form.) I certify that I have conducted alcohol testing on the above named individual in accordance with the procedures established in the U.S. Department of Transportation regulation, 49 CFR Part 40, that I am qualified to operate the testing device(s) identified, and that the results are as recorded.

TECHNICIAN:  BAT  STT DEVICE:  SALIVA  BREATH\* 15-Minute Wait:  Yes  No

SCREENING TEST: (For BREATH DEVICE\* write in the space below only if the testing device is not designed to print.)

Test #	Testing Device Name	Device Serial # OR Lot # & Exp. Date	Activation Time	Reading Time	Result

CONFIRMATION TEST: Results **MUST** be affixed to each copy of this form or printed directly onto the form.

REMARKS: \_\_\_\_\_

OPSBO  
 Alcohol Technician's Company

Tanya Levine  
 (Print) Alcohol Technician's Name (First, M.I., Last)

Tanya Levine  
 Signature of Alcohol Technician

12 6 11  
 Date Month / Day / Year

OCCUPATIONAL PHYSICIANS SERVICES  
 Company Street Address 901 West Broadway  
Louisville, KY 40203  
 Company, City, State, Zip Tel: 502-584-2257  
 Fax: 502-589-0733  
 Phone Number (Area Code & Number)

**STEP 4: TO BE COMPLETED BY EMPLOYEE IF TEST RESULT IS 0.02 OR HIGHER**

I certify that I have submitted to the alcohol test, the results of which are accurately recorded on this form. I understand that I must not drive, perform safety-sensitive duties, or operate heavy equipment because the results are 0.02 or greater.

Signature of Employee \_\_\_\_\_ Date Month / Day / Year \_\_\_\_\_

Affix Or Print  
 Screening Results Here  
 Affix With Tamper Evident Tape  
 Confirming Results Here  
 Affix With Tamper Evident Tape  
 Additional Test Results Here  
 Affix Or Print

SPECIMEN ID NO.



2006307735 NATIONAL PHYSICIAN BV



CLINICAL REFERENCE LABORATORY 8493 QUIVIRA • LENEXA, KANSAS 66215

STEP 1: COMPLETED BY COLLECTOR OR EMPLOYER REPRESENTATIVE

A. Employer Name, Address, I.D. No. B. MRO Name, Address, Phone and Fax No. C. Donor SSN or Employee I.D. No. D. Specify Testing Authority: E. Reason for Test: F. Drug Tests to be Performed: G. Collection Site Address:

STEP 2: COMPLETED BY COLLECTOR (make remarks when appropriate) Collector reads specimen temperature within 4 minutes:

Temperature between 50° and 100° F? Yes No, Enter Remark Collector Split Single None Provided, Enter Remark Observed, Enter Remark

STEP 3: Collector affixes bottle seal(s) to bottle(s). Collector dates seal(s). Donor initials seal(s). Donor completes STEP 5 on Copy 2 (MRO Copy) STEP 4: CHAIN OF CUSTODY - INITIATED BY COLLECTOR AND COMPLETED BY TEST FACILITY

I certify that the specimen given to me by the donor identified in the certification section on Copy 2 of this form was collected, labeled, sealed and released to the Delivery Service noted in accordance with applicable Federal requirements. SPECIMEN BOTTLE(S) RELEASED TO:

STEP 5: COMPLETED BY DONOR

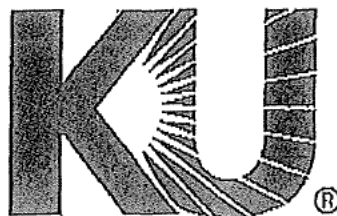
I certify that I provided my urine specimen to the collector; that I have not adulterated it in any manner; each specimen bottle used was sealed with a tamper-evident seal in my presence; and that the information provided on this form and on the label affixed to each specimen bottle is correct.

STEP 6: COMPLETED BY MEDICAL REVIEW OFFICER - PRIMARY SPECIMEN

In accordance with applicable Federal requirements, my determination/verification is: NEGATIVE POSITIVE DILUTE REFUSAL TO TEST because - check reason(s) below: ADULTERATED (adulterant/reason): SUBSTITUTED OTHER

STEP 7: COMPLETED BY MEDICAL REVIEW OFFICER - SPLIT SPECIMEN

In accordance with applicable Federal requirements, my verification for the split specimen (if tested) is: RECONFIRMED FAILED TO RECONFIRMED TEST CANCELLED



*per Tanya*

**RESULT OF CONTROLLED SUBSTANCE TEST  
REGULATED & NON-REGULATED  
TEST FORM**

TYPE OF TEST: (mark one or both) <input checked="" type="checkbox"/> Drug Test <input type="checkbox"/> Breath Alcohol Test		
<p>NON-D.O.T. COMPANY POLICY (5 Panel Non-NIDA Drug Test)</p> <p>(A) ___ Pre-Employment (B) ___ Post-Accident (Drug &amp; Alcohol) (C) ___ Random (Drug &amp; Alcohol) (E) ___ Return to Duty Retest (F) ___ Periodic Unannounced Retest (H) ___ Reasonable Suspicion, Cause, or Fitness for Duty</p>	<p>D.O.T. - CDL - (Regulated 5 Panel NIDA Drug Test &amp; Breath Alcohol Test)</p> <p>(J) ___ Pre-Employment/Job Bid (I) ___ Post-Accident (Drug &amp; Alcohol) (K) ___ Random (M) ___ Return to Duty Retest (N) ___ Periodic Unannounced Retest (P) ___ Reasonable Suspicion, Cause, or Fitness for Duty</p>	<p>D.O.T. - 199 GAS - (Regulated 5 Panel NIDA Drug Test &amp; Breath Alcohol Test)</p> <p>(1) ___ Pre-Employment/Job Bid (Drug Only) (2) <input checked="" type="checkbox"/> Post-Accident (Drug &amp; Alcohol) (3) ___ Random (Drug Only) (5) ___ Return to Duty Retest (6) ___ Periodic Unannounced Retest (8) ___ Reasonable Suspicion, Cause, or Fitness for Duty</p>

(FOR PRE-EMPLOYMENT ONLY) HUMAN RESOURCE ASSOCIATE \_\_\_\_\_ PHONE # \_\_\_\_\_

Name of Employee: Roderick Allen Soc. Sec. # or Employee ID: [REDACTED]

Date of Substance Test (Collection Date): 12, 6, 11

Location of Test (Collection Site): 901 W. Broadway

Person or Entity/Performing the Test (Laboratory): CRK

---

To be completed by Medical Review Officer

TEST RESULTS: POSITIVE \_\_\_\_\_ NEGATIVE X

TYPE OF DRUG FOUND \_\_\_\_\_

Date: 12.7.11 Signature of Medical Review Officer: *Mayer*

Form 5D 461 (Revised 10/28/10)

MAIL RESULTS TO: Tanya D. Levine, LG&E and KU Services Company  
Corporate Health & Safety - 16<sup>TH</sup> Floor  
P.O. Box 32010  
Louisville, KY 40232

# Alcohol Testing Form

(The instructions for completing this form are on the back of Copy 3)

**STEP 1: TO BE COMPLETED BY ALCOHOL TECHNICIAN**

A: Employee Name Roderick Allen  
(Print) (First, M.I., Last)

B: SSN or Employee ID No. [REDACTED]

C: Employer Name LGTE  
 Street PO BOX 32010  
Lou. Ky. 40232

City, State, ZIP  
 DER Name and Telephone No. Tanya Levine (502) 627-3150  
DER Name DER (Area Code & Phone Number)

D: Reason for Test:  Random  Reasonable Susp.  Post-Accident  Return to Duty  Follow-up  Pre-employment

RBT ID# 015532  
 DATE 12-06-11  
 TEST NO. 0268  
 MS ID# 034666  
 SCREENING  
 6/210L TIME  
 000 AUTO 11:23

TAMPER

EVIDENT

**STEP 2: TO BE COMPLETED BY EMPLOYEE**

I certify that I am about to submit to alcohol testing required by U.S. Department of Transportation regulations and that the identifying information provided on the form is true and correct.

Roderick Allen 12-06-11  
Signature of Employee Date Month / Day / Year

**STEP 3: TO BE COMPLETED BY ALCOHOL TECHNICIAN**

(If the technician conducting the screening test is not the same technician who will be conducting the confirmation test, each technician must complete their own form.) I certify that I have conducted alcohol testing on the above named individual in accordance with the procedures established in the U.S. Department of Transportation regulation, 49 CFR Part 40, that I am qualified to operate the testing device(s) identified, and that the results are as recorded.

TECHNICIAN:  BAT  STT DEVICE:  SALIVA  BREATH\* 15-Minute Wait:  Yes  No

SCREENING TEST: (For BREATH DEVICE\* write in the space below only if the testing device is not designed to print.)

Test #	Testing Device Name	Device Serial # OR Lot # & Exp. Date	Activation Time	Reading Time	Result

CONFIRMATION TEST: Results MUST be affixed to each copy of this form or printed directly onto the form.

REMARKS:

OPS BO  
 Alcohol Technician's Company  
P Newton  
(PRINT) Alcohol Technician's Name (First, M.I., Last)

P Newton  
 Signature of Alcohol Technician

901 West Broadway  
 Company Street Address  
Louisville, KY 40203  
 Company, City, State, Zip  
Tel: 502-584-2257  
Fax: 502-580-0733  
 Phone Number (Area Code & Number)

12/06/11  
 Date Month / Day / Year

**STEP 4: TO BE COMPLETED BY EMPLOYEE IF TEST RESULT IS 0.02 OR HIGHER**

I certify that I have submitted to the alcohol test, the results of which are accurately recorded on this form. I understand that I must not drive, perform safety-sensitive duties, or operate heavy equipment because the results are 0.02 or greater.

Signature of Employee \_\_\_\_\_ Date Month / Day / Year \_\_\_\_\_

Affix Or Print  
 Screening Results Here  
 Affix With Tamper Evident Tape  
 Confirming Results Here  
 Affix With Tamper Evident Tape  
 Additional Test Results Here  
 Affix Or Print

Affix With Tamper Evident Tape

SPECIMEN ID NO.



2010055758



CLINICAL REFERENCE LABORATORY 8433 QUIVIRA LANE, LENEXA, KANSAS 66215

STEP 1: COMPLETED BY COLLECTOR OR EMPLOYER REPRESENTATIVE

Form section for Step 1 containing fields for Employer Name, MRO Name, Donor SSN, Testing Authority, Reason for Test, Drug Tests, and Collection Site Address.

STEP 2: COMPLETED BY COLLECTOR (make remarks when appropriate) Collector reads specimen temperature within 4 minutes.

Form section for Step 2 containing fields for Temperature, Collection method, and Remarks.

STEP 3: Collector affixes bottle seal(s) to bottle(s). Collector dates seal(s). Donor initials seal(s). Donor completes STEP 5 on Copy 2 (MRO Copy)

STEP 4: CHAIN OF CUSTODY - INITIATED BY COLLECTOR AND COMPLETED BY TEST FACILITY

Form section for Step 4 containing signature of collector, date and time of collection, and specimen bottle(s) released to.

STEP 5: COMPLETED BY DONOR

Form section for Step 5 containing donor signature, name, date of birth, and phone numbers.

STEP 6: COMPLETED BY MEDICAL REVIEW OFFICER - PRIMARY SPECIMEN

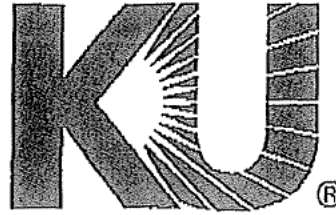
Form section for Step 6 containing medical review officer's determination and signature.

STEP 7: COMPLETED BY MEDICAL REVIEW OFFICER - SPLIT SPECIMEN

Form section for Step 7 containing medical review officer's verification and signature.

ONE No. 0750-0135

PRESS HARD - YOU ARE MAKING MULTIPLE COPIES



*perTanya*

**RESULT OF CONTROLLED SUBSTANCE TEST  
REGULATED & NON-REGULATED  
TEST FORM**

<b>TYPE OF TEST: (mark one or both)</b> <input checked="" type="checkbox"/> <b>Drug Test</b> <input checked="" type="checkbox"/> <b>Breath Alcohol Test</b>		
<b>NON-D.O.T. COMPANY POLICY (5 Panel Non-NIDA Drug Test)</b>	<b>D.O.T. - CDL - (Regulated 5 Panel NIDA Drug Test &amp; Breath Alcohol Test)</b>	<b>D.O.T. - 199 GAS - (Regulated 5 Panel NIDA Drug Test &amp; Breath Alcohol Test)</b>
(A) ___ Pre-Employment (B) ___ Post-Accident (Drug & Alcohol) (C) ___ Random (Drug & Alcohol) (E) ___ Return to Duty Retest (F) ___ Periodic Unannounced Retest (H) ___ Reasonable Suspicion, Cause, or Fitness for Duty	(J) ___ Pre-Employment/Job Bid (I) ___ Post-Accident (Drug & Alcohol) (K) ___ Random (M) ___ Return to Duty Retest (N) ___ Periodic Unannounced Retest (P) ___ Reasonable Suspicion, Cause, or Fitness for Duty	(1) ___ Pre-Employment/Job Bid (Drug Only) (2) <input checked="" type="checkbox"/> Post-Accident (Drug & Alcohol) (3) ___ Random (Drug Only) (5) ___ Return to Duty Retest (6) ___ Periodic Unannounced Retest (8) ___ Reasonable Suspicion, Cause, or Fitness for Duty

(FOR PRE-EMPLOYMENT ONLY) HUMAN RESOURCE ASSOCIATE \_\_\_\_\_ PHONE # \_\_\_\_\_

Name of Employee: Steve Sumner Soc. Sec. # or Employee ID: [REDACTED]

Date of Substance Test (Collection Date): 12, 6, 11

Location of Test (Collection Site): 901 W. Broadway

Person or Entity/Performing the Test (Laboratory): CRL

---

**To be completed by Medical Review Officer**

TEST RESULTS: POSITIVE \_\_\_\_\_ NEGATIVE X

TYPE OF DRUG FOUND \_\_\_\_\_

Date: 12, 7, 11 Signature of Medical Review Officer: [Signature]

Form SD 461 (Revised 10/28/10)

MAIL RESULTS TO: Tanya D. Levine, LG&E and KU Services Company  
Corporate Health & Safety - 16<sup>th</sup> Floor  
P.O. Box 32010  
Louisville, KY 40232



# Alcohol Testing Form

(The instructions for completing this form are on the back of Copy 3)

**STEP 1: TO BE COMPLETED BY ALCOHOL TECHNICIAN**

A: Employee Name Steven L. Sumner  
(Print) (First, M.I., Last)

B: SSN or Employee ID No. [REDACTED]

C: Employer Name LGE **TAMPER**  
 Street PO Box 32010  
Lou., KY 40232

City, State, ZIP

DER Name and Telephone No. Tanya Levine (502) 677-3150  
DER Name DER (Area Code & Phone Number)

D: Reason for Test:  Random  Reasonable Susp.  Post-Accident  Return to Duty  Follow-up  Pre-employment

RBT ID# 015532  
 DATE 12-06-11  
 TEST NO. 0267  
 ID# [REDACTED]  
 AS ID# 034666  
 SCREENING  
 G/2:0L TIME  
 .000 ALTO 11:21

Affix Or Print Screening Results Here  
 Affix With Tamper Evident Tape  
 Affix Or Print Confirming Results Here  
 Affix With Tamper Evident Tape  
 Affix Or Print Additional Post Results Here

**STEP 2: TO BE COMPLETED BY EMPLOYEE**

I certify that I am about to submit to alcohol testing required by U.S. Department of Transportation regulations and that the identifying information provided on the form is true and correct.

Steven L. Sumner 12-06-11  
 Signature of Employee Date Month / Day / Year

**STEP 3: TO BE COMPLETED BY ALCOHOL TECHNICIAN**

(If the technician conducting the screening test is not the same technician who will be conducting the confirmation test, each technician must complete their own form.) I certify that I have conducted alcohol testing on the above named individual in accordance with the procedures established in the U.S. Department of Transportation regulation, 49 CFR Part 40, that I am qualified to operate the testing device(s) identified, and that the results are as recorded.

TECHNICIAN:  BAT  STT DEVICE:  SALIVA  BREATH\* Is Mnuse Wait:  Yes  No

SCREENING TEST: (For BREATH DEVICE\* write in the space below only if the testing device is not designed to print.)

Test #	Testing Device Name	Device Serial # OR Lot # & Exp. Date	Activation Time	Reading Time	Result
CONFIRMATION TEST: Results MUST be affixed to each copy of this form or printed directly onto the form.					
REMARKS:					

OPSBO OCUPATIONAL PHYSICIANS SERVICES  
 Alcohol Technician's Company Company Street Address  
R. Scroggiam 901 West Broadway  
(PRINT) Alcohol Technician's Name (First, M.I., Last) Company, City, State, Zip Louisville, KY 40203  
 Tel: 502-584-2267  
 Fax: 502-580-0733  
R. Scroggiam 12-06-11  
 Signature of Alcohol Technician Date Month / Day / Year

**STEP 4: TO BE COMPLETED BY EMPLOYEE IF TEST RESULT IS 0.02 OR HIGHER**

I certify that I have submitted to the alcohol test, the results of which are accurately recorded on this form. I understand that I must not drive, perform safety-sensitive duties, or operate heavy equipment because the results are 0.02 or greater.

Signature of Employee \_\_\_\_\_ Date Month / Day / Year \_\_\_\_\_



SPECIMEN ID NO.



2006307734



CLINICAL REFERENCE LABORATORY 8433 QUIVIRA - LENEXA, KANSAS 66215

NATIONAL PHYSICIAN SV

STEP 1: COMPLETED BY COLLECTOR OR EMPLOYER REPRESENTATIVE

A. Employer Name, Address, I.D. No. B. MRO Name, Address, Phone and Fax No. C. Donor SSN or Employee I.D. No. D. Specify Testing Authority: E. Reason for Test: F. Drug Tests to be Performed: G. Collection Site Address:

STEP 2: COMPLETED BY COLLECTOR (make remarks when appropriate) Collector reads specimen temperature within 4 minutes.

Temperature between 90° and 100° F? [X] Yes [ ] No, Enter Remark Collector: [X] Split [ ] Single [ ] None Provided, Enter Remark [ ] Observed, Enter Remark

STEP 3: Collector affixes bottle seal(s) to bottle(s). Collector dates seal(s). Donor initials seal(s). Donor completes STEP 5 on Copy 2 (MRO Copy)

STEP 4: CHAIN OF CUSTODY - INITIATED BY COLLECTOR AND COMPLETED BY TEST FACILITY

I certify that the specimen given to me by the donor identified in the certification section on Copy 2 of this form was collected, labeled, sealed and released to the Delivery Service noted in accordance with applicable Federal requirements. SPECIMEN BOTTLE(S) RELEASED TO:

STEP 5: COMPLETED BY DONOR

I certify that I provided my urine specimen to the collector; that I have not adulterated it in any manner; each specimen bottle used was sealed with a tamper-evident seal in my presence; and that the information provided on this form and on the label affixed to each specimen bottle is correct.

STEP 6: COMPLETED BY MEDICAL REVIEW OFFICER - PRIMARY SPECIMEN

In accordance with applicable Federal requirements, my determination/verification is: [X] NEGATIVE [ ] POSITIVE for: [ ] DILUTE [ ] TEST CANCELLED [ ] REFUSAL TO TEST because - check reason(s) below:

STEP 7: COMPLETED BY MEDICAL REVIEW OFFICER - SPLIT SPECIMEN

In accordance with applicable Federal requirements, my verification for the split specimen (if tested) is: [ ] RECONFIRMED for: [ ] TEST CANCELLED [X] FAILED TO RECONFIRMED for:

OBAS No. 6200158 PRESS HARD - YOU ARE MAKING MULTIPLE COPIES

**11. Failure Analysis [NOT PROVIDED]**

## **12. Pressure test of service line**

396814

LOUISVILLE GAS AND ELECTRIC COMPANY  
GAS CONSTRUCTION AND MAINTENANCE SERVICE WORK REPORT

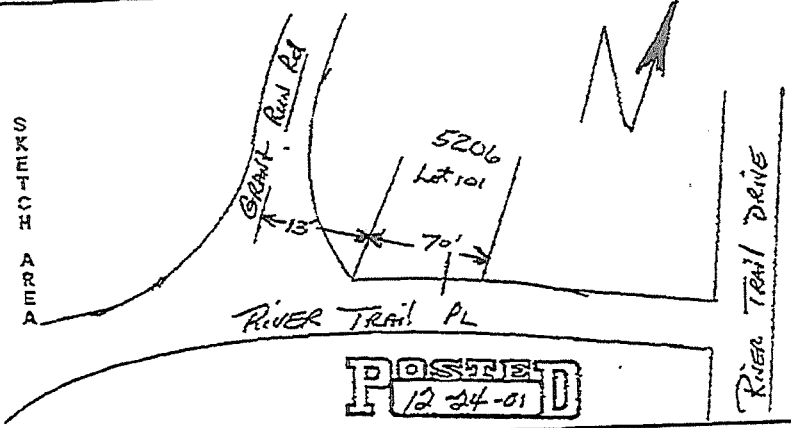
DATE: 07/26/01 TIME: 15:25:41

GASMS23SV  
GASNO 462207 FMIS Y47253 WOTYPE CS CREW: 356  
NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_  
LOC: 5206 RIVER TRAIL PL LOT 101  
CITY: LOUISVILLE ST: KY ZIP: 40229 5207  
MAIN# \_\_\_\_\_ SIZE \_\_\_\_\_ " PRES \_\_\_\_\_ MAT \_\_\_\_\_ CATH PROT \_\_\_\_\_  
DEPTH \_\_\_\_\_ UNDR PAVE \_\_\_\_\_ LOC \_\_\_\_\_ OF \_\_\_\_\_  
EX PRI LOC \_\_\_\_\_ OF \_\_\_\_\_ OF \_\_\_\_\_  
TAP LOC SEC LOC \_\_\_\_\_ OF \_\_\_\_\_ OF \_\_\_\_\_  
STOP BOX PRI LOC No Box OF \_\_\_\_\_ OF \_\_\_\_\_  
CY/N/SEC LOC \_\_\_\_\_ OF \_\_\_\_\_ OF \_\_\_\_\_

WORK REQUESTED: IS INSTALL SERVICE  
SPECIAL INFO INDIAN FALLS/COOPER CHAPEL JOINT YREN 5 DT  
7/27 BUD#20012904220 OK 7724  
REQUESTED BY: \_\_\_\_\_ PHONE: \_\_\_\_\_  
EXISTING SERVICE#: 396814 MAP PAGE: 452826 BOOK: MW TAX DIST: 37  
SIZE: \_\_\_\_\_ " MAT: \_\_\_\_\_ LONG OR SHORT?: \_\_\_\_\_ LENGTH: \_\_\_\_\_  
CUSTOMER'S SERVICE: SIZE: 0.50 " PRESSURE: 1/2 MATERIAL: PL  
LOT SIZE 70' X \_\_\_\_\_ (THIS SECTION IS REQUIRED FOR ALL INSTALLS AND REMOVALS)  
DISTANCE W 1/2 IS 13' E OF 1/2 OF \_\_\_\_\_  
Grant Res Rd  
LOT RNKS: \_\_\_\_\_

LEAK INFORMATION: GRADE: \_\_\_\_\_ FEDERAL LAND: \_\_\_\_\_ SYSTEM: \_\_\_\_\_ OCCURRED ON: \_\_\_\_\_ PART: \_\_\_\_\_ CAUSE: \_\_\_\_\_  
STOPBOX OPERABLE: Y N PIPE JOINT TYPE: SOM ADDITIONAL METER ORDER: \_\_\_\_\_ REGULATOR?: \_\_\_\_\_ # OF METERS: 1 SIZE: 33  
TEST PRESSURE: COMPANY SERVICE: N/A TRANS: \_\_\_\_\_ (CY/N) (CY/N) # OF METERS: \_\_\_\_\_ SIZE: \_\_\_\_\_  
CUST SVC: 100 # HOUSELINE: 3 # METER NUMBER STATUS READING DIALS METER PRESS SIZE LOC PRIOR READ  
GAS LEFT: 1-ON 2-OFF AT METER 3-OFF AT ST 6-0-6-1-7-9 A 0-0-0-0 1 U-P 1-7-5 L \_\_\_\_\_  
WORK PERFORMED: BS SURVEIL: \_\_\_\_\_

NEW COMPANY SERVICE: SIZE: 0.50 MAT: PL LENGTH: \_\_\_\_\_  
EFV NEW \_\_\_\_\_ OF \_\_\_\_\_ OF \_\_\_\_\_  
TAP \_\_\_\_\_ OF \_\_\_\_\_ OF \_\_\_\_\_  
Y/N LOC \_\_\_\_\_ OF \_\_\_\_\_ OF \_\_\_\_\_



SOIL TYPE: 14 COATING COND: \_\_\_\_\_  
EXT CORROSION: \_\_\_\_\_ PIT DEPTH: \_\_\_\_\_ PIT DIA: \_\_\_\_\_ IN  
INT CORROSION: \_\_\_\_\_ PIT DEPTH: \_\_\_\_\_ PIT DIA: \_\_\_\_\_ IN  
PIPE TO SOIL POTENTIAL: \_\_\_\_\_ MV PART TESTED: \_\_\_\_\_  
PIPE TO SOIL POTENTIAL: \_\_\_\_\_ MV PART TESTED: \_\_\_\_\_  
ANODE-CO PIPING: - # ANODE-CUST PIPING: - #  
NUMBER OF CUTS: \_\_\_\_\_ TYPE: \_\_\_\_\_ SIZE: X  
CONT: \_\_\_\_\_ INSTALLER: \_\_\_\_\_  
REMARKS: TEST CUST 0.50 PL SER TEST OK, CONNECT CUST SER TO EXISTING CO SER. TEST 1/2, 1/2 TEST OK LEFT GAS ON up to stop  
DATE: 7/27/01 ARRIVED: 11:20 DEPARTED: 12:45  
GAS OFF: \_\_\_\_\_ GAS ON: \_\_\_\_\_ MAN HOURS: \_\_\_\_\_  
COMPLETED: Y N WEATHER: FAIR INCLEMENT SEVERE  
EMPLOYEE ID: 3011 - RE Brewer

0396814

SW LOUISVILLE GAS AND ELECTRIC COMPANY  
GAS CONSTRUCTION AND MAINTENANCE SERVICE WORK REPORT

DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

GASNO \_\_\_\_\_ FMIS 103612 WOTYPE JT CREW: 937 WORK REQUESTED: \_\_\_\_\_  
 NAME: 5206 PHONE: \_\_\_\_\_ SPECIAL INFO: \_\_\_\_\_  
 LOC: 101 Lot River Trail Place REQUESTED BY: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 CITY: \_\_\_\_\_ ST: \_\_\_\_\_ ZIP: \_\_\_\_\_ EXISTING SERVICE# 0396814 MAP PAGE: 452-826 BOOK 144 TAX DIST. 37  
 MAIN# 394985 SIZE: 2.02" PRES MP MAT PL CATH PROT N SIZE: \_\_\_\_\_ MAT: \_\_\_\_\_ LONG OR SHORT?: S LENGTH: \_\_\_\_\_  
 DEPTH 3 UNDR PAVE N LOC 4 ' N OF N S/L CUSTOMER'S SERVICE: SIZE: \_\_\_\_\_ PRESSURE: \_\_\_\_\_ MATERIAL: \_\_\_\_\_  
 EX PRI LOC \_\_\_\_\_ OF \_\_\_\_\_ OF \_\_\_\_\_ LOT SIZE 55' X \_\_\_\_\_ (THIS SECTION IS REQUIRED FOR ALL INSTALLS AND REMOVALS)  
 TAP LOC \_\_\_\_\_ OF \_\_\_\_\_ OF \_\_\_\_\_ DISTANCE E PL IS 200' W OF W S/L OF  
 STOP BOX PL CAP 5 ' W OF Tele Box 7 ' W OF E PL River Trail Dr.  
 (Y/N) SEC LOC Green OF Tele Box 7 ' N OF N S/L LOT RMKS: \_\_\_\_\_  
 LEAK INFORMATION: GRADE: \_\_\_\_\_ FEDERAL LAND: \_\_\_\_\_ SYSTEM: \_\_\_\_\_ OCCURRED ON: \_\_\_\_\_ PART: \_\_\_\_\_ CAUSE: \_\_\_\_\_  
 STOPBOX OPERABLE: Y N PIPE JOINT TYPE: BHE ADDITIONAL METER ORDER: \_\_\_\_\_ REGULATOR?: \_\_\_\_\_ # OF METERS: \_\_\_\_\_ SIZE: \_\_\_\_\_  
 TEST PRESSURE: \_\_\_\_\_ COMPANY SERVICE: 100 # TRANS: \_\_\_\_\_ (Y/N) \_\_\_\_\_ (Y/N) # OF METERS: \_\_\_\_\_ SIZE: \_\_\_\_\_  
 CUST SVC: \_\_\_\_\_ HOUSELINE: \_\_\_\_\_ METER NUMBER STATUS READING DIALS METER PRESS SIZE LOC PRIOR READ  
 GAS LEFT: 1-ON 2-OFF AT METER 3-OFF AT ST  
 WORK PERFORMED: IS SURVEIL: \_\_\_\_\_  
 NEW COMPANY SERVICE: SIZE: 1/2 MAT PL LENGTH: 7 ' SOIL TYPE: Clay COATING COND: \_\_\_\_\_  
 NEW TAP LOC 4 ' N OF N S/L EXT CORROSION: \_\_\_\_\_ PIT DEPTH: \_\_\_\_\_ PIT DIA: \_\_\_\_\_ IN  
 LOC Green OF E PL INT CORROSION: \_\_\_\_\_ PIT DEPTH: \_\_\_\_\_ PIT DIA: \_\_\_\_\_ IN  
 LOT 101 LOT RIVER TRAIL DRIVE  
 ← 55' → ← 200' →  
 M  
 POSTED 12-23-01  
 MS RIVER TRAIL PLACE  
 DATE: 4/26/01 ARRIVED: \_\_\_\_\_ DEPARTED: \_\_\_\_\_  
 GAS OFF: \_\_\_\_\_ GAS ON: \_\_\_\_\_ LOST TIME: \_\_\_\_\_  
 COMPLETED: Y N WEATHER: FAIR INCREMENT SEVERE  
 EMPLOYEE ID: 1910 - Neil Campbell

**13. Kenny Peavler qualifications records**

ID	Name	Course	Title	Session #	Duration	Stat Dt	Attendance	Grade
0000003068	Peavler, Kenneth Gary	QQ/F1A	Socket Fusion F1A	0132	0.5	1/24/2011	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/F1B	Saddle Fusion F1B	0086	0.5	1/7/2008	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/F1C	Butt Fusion F1C	0130	0.5	1/24/2011	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/F1D	Electrofusion F1D	0083	0.5	1/7/2008	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/F2	Mechanical Joining F2	0136	0.5	1/24/2011	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/H1	Install Motor & Regulators H-1	0034	1.5	1/24/2011	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/H2	Install Dom. Gas Service Lines	0014	1.5	2/14/2006	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/I1A	Pipe to Soil Survey I1A	0033	0.5	1/25/2005	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/I1D	Ex. Corrosion Repair/Replacent	0026	0.5	2/14/2006	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/I1G	Install Test Leads I1G	0032	0.5	1/25/2005	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/I1H	Install Insulators I1H	0044	1.0	1/24/2011	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/I1I	Evidence of Internal Corrosion	0025	0.5	2/14/2006	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/I1K	Inspect Pipe Atmospheric Corro	0054	0.5	1/24/2011	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/I1O	Control Corrosion on Cast Iron	0011	0.5	2/14/2006	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/L1A	Tap Service Tee L1A	0039	0.5	1/11/2010	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/L1B	Tap Pipelines Williamson	0012	1.0	2/14/2006	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/L1C	Tap H-Machine L1C	0007	1.0	4/4/2001	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/L1D	Tap Skinner L1D	0007	1.0	4/4/2001	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/L2	Purge Pipeline L2	0036	0.0	1/24/2011	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/M1	Perform Leakage Surveys QQ/M1	0035	4.0	1/11/2010	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/M2	Locate Underground Fac. M2	0058	1.0	1/11/2010	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/M3	Test Service Lines QQ-M3	0034	1.0	1/24/2011	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/M4	Test Service Lines QQ-M3	0034	3.5	1/11/2010	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/M4	QQ/M4 Pressure Limiting Sta.	0050	3.0	1/24/2011	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/M5	Maintain Line Valves	0060	3.0	1/24/2011	Completed	P
0000003068	Peavler, Kenneth Gary	QQ/M7	Recognize and React M7	0306	7.0	1/24/2011	Completed	P

**14. Specifications for main (see No. 4 above)**



**15. 811 Research**

Standard Information Map - Windows Internet Explorer

Standard Information Map

SEARCH LAYERS RESULTS COMMENT

Parcel Dimensions  
Layer Changes

Refresh Map

Update:

- Address or Intersection Location
- House Number
- FEMA FIRM Panel
- County Boundary
- GISD Property Service Connection
- Active Combined Sewer Overflow
- Documented Sanitary Sewer Overflow
- Related Case
  - Appeal
  - Cop
  - Notices
  - Contour Text
- Contour
  - Stream Bed
  - Index
- Public Works Street Class
  - Expressway
  - Major Arterial
  - Minor Arterial
  - Primary Collector
  - Secondary Collector
- Railroad
- Retired Property Line
- Maintenance Responsibility
  - Street Class
  - Minor
  - None
  - Street Frontage

Scale: 1 inch = 24 feet

Having Problems?      Refresh Map      Go

EMERGENCY EMERGENCY

Ticket : 1112060003 Date: 12/06/2011 Time: 05:33 Oper: NPICKEREL Chan:022

State: KY Cnty: JEFFERSON City: LOUISVILLE  
Subdivision:

Address :

Street : RIVER TRAIL PL

Cross 1 : QUEENS CASTLE BLVD

Location: LOCATE 200 FOOT RADIUS OF INTERSECTON - SEE CREW ON SITE IF ANY  
QUESTIONS

:

Work type : REPAIRING GAS MAIN

Done for : LG&E

Start date: 12/06/2011 Time: 05:36 Hours notice: 0/000 Priority: EMER

Ug/Oh/Both: U Blasting: NO Emergency: Y

Duration : N/A Depth: UNKNOWN

Company : LOUISVILLE GAS AND ELECTRIC Type: MEMB

Co addr : 6900 ENTERPRISE DRIVE AUBURNDALE SERVICE

City : LOUISVILLE State: KY Zip: 40214

Caller : KENNETH PEAVLER Phone: ( [REDACTED] )

Contact : NONE Phone:

Remarks : KENNETH IS ON SITE - CREW IS IN ROUTE

:

Submitted date: 12/06/2011 Time: 05:33

Members: 0002 0004 0006 0007 0139

Next door to 5206 River Trail Pl (according to Lojic)

EMERGENCY

Ticket : 0802251013 Date: 02/25/2008 Time: 20:12 Oper: SWOODFORD Chan:000

State: KY Cnty: JEFFERSON City: LOUISVILLE  
Subdivision: INDIAN FALLS

Address : 5133  
Street : QUEENS CASTLE RD  
Cross 1 : RIVER TRAIL PL  
Location: LOCATE--FRONT YARD--IF FACING THE HOUSE ALONG THE RIGHT SIDE

:  
Work type : REPAIRING WATER LINE  
Done for : JOHNTHAN LAMB  
Start date: 02/26/2008 Time: 09:00 Hours notice: 12/002 Priority: EMER  
Ug/Oh/Both: U Blasting: NO Emergency: Y  
Duration : N/A Depth: UNKNOWN

Company : JOHNTHAN LAMB Type: CONT  
Co addr : 5133 QUEENS CASTLE RD  
City : LOUISVILLE State: KY Zip: 40229  
Caller : JOHNTHAN LAMB Phone: [REDACTED]  
Contact : JOHNTHAN LAMB Phone:  
Mobile : [REDACTED]

Submitted date: 02/25/2008 Time: 20:12  
Members: 0002 0004 0006 0007 0139 5005

NORMAL NOTICE

Ticket : 0903180552 Date: 03/18/2009 Time: 12:03 Oper: BKUYKENDALL Chan:000

State: KY Cnty: JEFFERSON City: LOUISVILLE  
Subdivision:

Address : 5133  
Street : QUEENS CASTLE RD  
Cross 1 : COOPER CHAPEL RD  
Location: BACK OF PROP AND BOTH SIDE YARD

:  
Work type : INST FENCE  
Done for : JONATHAN LAMB  
Start date: 03/20/2009 Time: 12:15 Hours notice: 48/048 Priority: NORM  
Ug/Oh/Both: U Blasting: NO Emergency: N  
Duration : N/A Depth: 36 INCH

Company : AFFORDABLE LANDSCAPING Type: HOME  
Co addr : UNK  
City : State:  
Caller : JONATHAN LAMB Phone: [REDACTED]  
Contact : JONATHAN LAMB Phone:  
Mobile : [REDACTED]

Submitted date: 03/18/2009 Time: 12:03  
Members: 0002 0004 0006 0007 0139

Across street from 5206 River Trail Pl (according to Lojic)

EMERGENCY

Ticket : 0702030036 Date: 02/03/2007 Time: 13:37 Oper: SWOODFORD Chan:1416

State: KY Cnty: JEFFERSON City: LOUISVILLE  
Subdivision:

Address : 5207  
Street : RIVER TRAIL PL  
Cross 1 : COOPER CHAPEL RD  
Location: LOCATE--ACROSS THE FRONT AND THE RIGHT AND LEFT SIDE OF THE  
PROPERTY--PLEASE USE FLAGS AND PAINT--  
:

Work type : REPLACEMENT GAS LINE  
Done for : BRAD PETERSON  
Start date: 02/05/2007 Time: 09:00 Hours notice: 43/002 Priority: EMER  
Ug/Oh/Both: U Blasting: NO Emergency: Y  
Duration : N/A Depth: 2 FEET

Company : JOHN HEFFLEY PLUMBING Type: CONT  
Co addr : 390 CEDAR CREEK LANE  
City : SHEPHERDSVILLE State: KY Zip: 40165  
Caller : JOHN HEFFLEY Phone: [REDACTED]  
Contact : JOHN HEFFLEY Phone:  
Mobile : [REDACTED]

Submitted date: 02/03/2007 Time: 13:37  
Members: 0002 0004 0006 0007 0139 5005

DAMAGE

Ticket : 0702050357 Date: 02/05/2007 Time: 13:45 Oper: PSTEIDEN Chan:000

State: KY Cnty: JEFFERSON City: LOUISVILLE  
Subdivision:

Address : 5207  
Street : RIVER TRAIL PL  
Cross 1 : COOPER CHAPEL RD  
Location: LOCATE--ACROSS THE FRONT AND THE RIGHT AND LEFT SIDE OF THE  
PROPERTY--PLEASE USE FLAGS AND PAINT--  
:

Work type : REPLACEMENT GAS LINE  
Done for : BRAD PETERSON  
Start date: 02/05/2007 Time: 13:45 Hours notice: 0/000 Priority: EMER  
Ug/Oh/Both: U Blasting: NO Emergency: Y  
Duration : N/A Depth: 2 FEET

Company : JOHN HEFFLEY PLUMBING Type: CONT  
Co addr : 390 CEDAR CREEK LANE  
City : SHEPHERDSVILLE State: KY Zip: 40165  
Caller : JOHN HEFFLEY Phone: [REDACTED]  
Contact : JOHN HEFFLEY Phone:  
Mobile : [REDACTED]

Remarks : PHONE LINE AND CABLE HIT --CALLED UT TO REPAIR  
:

Submitted date: 02/05/2007 Time: 13:45  
Members: 0002 0004 0006 0007 0139 5005

EMERGENCY

Ticket : 0702050360 Date: 02/05/2007 Time: 13:46 Oper: PSTEIDEN Chan:000

State: KY Cnty: JEFFERSON City: LOUISVILLE

Subdivision:

Address : 5207

Street : RIVER TRAIL PL

Cross 1 : COOPER CHAPEL RD

Location: LOCATE--ACROSS THE FRONT AND THE RIGHT AND LEFT SIDE OF THE  
PROPERTY--PLEASE USE FLAGS AND PAINT--

:

Work type : REPLACEMENT GAS LINE

Done for : BRAD PETERSON

Start date: 02/05/2007 Time: 13:46 Hours notice: 0/000 Priority: EMER

Ug/Oh/Both: U Blasting: NO Emergency: Y

Duration : N/A Depth: 2 FEET

Company : JOHN HEFFLEY PLUMBING Type: CONT

Co addr : 390 CEDAR CREEK LANE

City : SHEPHERDSVILLE State: KY Zip: 40165

Caller : JOHN HEFFLEY Phone: [REDACTED]

Contact : JOHN HEFFLEY Phone:


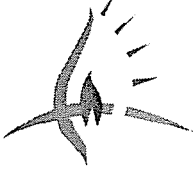
Mobile : [REDACTED]

Remarks : PHONE LINE AND CABLE HIT ---ALL UTS RESPOND PLEASE ----BARRY  
502-608-0388

:

Submitted date: 02/05/2007 Time: 13:46

Members: 0002 0004 0006 0007 0139 5005

	<b>GEOP</b> GAS EMERGENCY OPERATING PROCEDURES	 <b>Energy Delivery</b>
<b>Section: 1</b> <b>GENERAL INFORMATION AND DEVELOPMENTAL GUIDELINES</b>		
<b>Revision:</b> 5	<b>Effective Date:</b> 10/08/07	

**1.1 OBJECTIVE**

1. The objective of this Gas Emergency Operating Plan (GEOP) is to establish procedures and guidelines for ensuring that LG&E personnel who could be involved in a gas pipeline emergency are prepared to recognize and deal with the situation in an expeditious and safe manner.

**1.2 SCOPE**

1. This GEOP establishes procedures and guidelines to minimize the hazards resulting from a gas pipeline emergency. The procedures and guidelines included in the GEOP provides for the following:
  - (a) Receiving, identifying, and classifying notices of events that require immediate response by LG&E personnel.
  - (b) Establishing and maintaining adequate means of communication with fire, police, and other public officials.
  - (c) Responding in a prompt and effective manner to a notice of each type of emergency, which includes the following:
    - (i) Gas detected inside or near a building.
    - (ii) Fire located near or directly involving a pipeline facility.
    - (iii) Explosion occurring near or directly involving a pipeline facility.
    - (iv) Natural disaster.
  - (d) The availability of personnel, equipment, tools, and materials, as needed at the scene of an emergency.
  - (e) Actions directed toward protecting the health and safety of human life first and then personal property.
  - (f) Emergency shutdown and pressure reduction in any section of the pipeline system to minimize hazards to life or property.
  - (g) Making safe any actual or potential hazard to life or property.
  - (h) Notifying appropriate fire, police, and other public officials of gas pipeline emergencies and coordinating with them both planned responses and actual responses during an emergency.
  - (i) Safely restoring any service outage.
  - (j) Providing for an incident investigation, if applicable, as soon after the end of the emergency as possible.

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	Manager, Safety & Technical Training	Manager, Gas Engineering

- (k) Training operating personnel to ensure that they are knowledgeable of the emergency procedures and verify that training is effective.
- (l) Reviewing employee activities to determine whether the procedures were effectively followed in each emergency.
- (m) Establishing and maintaining liaisons with appropriate fire, police, and other public officials.

### **1.3 INCIDENT COMMAND SYSTEM**

1. The Incident Command System (ICS) will be utilized at all emergency incidents. The ICS will also be applied to drills, exercises, and other simulated emergencies that are conducted for training purposes.
2. The purpose of the ICS is to provide a standard approach to the management of emergencies. The ICS accommodates all types and sizes of emergencies from the arrival of first responders to the largest and most complex emergencies.
3. The ICS described in these gas emergency operating procedures is to be applied in a manner that meets the needs of each particular situation. The many different and complex situations encountered by emergency responders require a considerable amount of judgment in the application of the ICS. The Incident Commander is responsible for applying the ICS in a manner that is appropriate for the circumstances of each specific situation.

### **1.4 EMERGENCY CATEGORIES**

A natural gas emergency has been divided into three categories; i.e., Category I, Category II and Category III.

1. A Category I emergency is defined as a non-safety gas incident or other incident requiring special notifications, when one or more of the following events exist:
  - Natural disaster that has the potential to cause flooding or severe weather based on weather reports or to cause structural damage.
  - Non-gas related fire/explosion affecting LG&E gas facilities.
  - Continuing gas leak potentially causing structural damage to LG&E property.
  - Unplanned supply interruption causing loss of service to 40 to 100 customers for four or more hours.
  - Vandalism or unconfirmed bomb threat.

A Category I emergency requires the use of a limited quantity of LG&E personnel and contractors.

2. A Category II emergency is defined as a potential public safety hazard or significant interruption of services requiring the activation of LG&E personnel, equipment and/or facilities, when one or more of the following events exist:
  - Natural disaster of flooding or severe weather that affects the gas system by resulting in more than 100 but less than 250 services being affected.
  - Gas related fire/explosion causing:
    - Damage less than \$50,000, or
    - Evacuation of 10 buildings or less.
  - Continuing gas leak potentially causing public structural damage.
  - Gas leak causing the evacuation of 10 buildings or less.
  - Gas leak that may affect railroad operations or major transportation arteries.



- Unplanned supply interruption to a critical facility or more than 100 but less than 250 services being affected.
- Confirmed bomb threat.

A Category II emergency may require the use of all available company personnel and contractors. All personnel are assigned to a rotating schedule.

3. A Category III emergency is defined as a gas emergency event that requires the activation of LG&E personnel, equipment and facilities and/or other mutual assistance, when one or more of the following events exist:

- Natural disaster that causes high flood water and results in evacuation of an area encompassing more than 250 services.
- Gas related fire/explosion causing:
  - Damage greater than \$50,000, or
  - Evacuation of more than 10 buildings.
- Unplanned supply interruption to more than 250 services.

A Category III emergency may require the use of all available company personnel and contractors. In addition, outside contractors may be employed along with assistance from other utilities (i.e., Mutual Assistance Program). All personnel are assigned to a rotating schedule that provides for extended breaks.

## **1.5 ORGANIZATIONAL FRAMEWORK**

### **1. General**

The organization framework is an essential component of emergency management. It lays the foundation for emergency response capabilities. A defined organizational framework helps to ensure that emergency responders understand their roles and areas of responsibility. Required or expected interactions and coordination among responders and departments is pre-established through this structure. The three levels of the organizational framework are field level response, emergency management, and crisis management.

### **2. Field Level Response**

Field level personnel are responsible for prevention and mitigation of incidents. As the first line of defense or response to an incident, personnel at this level are responsible for implementing the emergency response procedures and undertaking response activities to “put out the fire.” The responsibilities of field level response personnel include, but are not limited to:

- (a) Receiving notice of, identifying, and classifying emergencies;
- (b) Determining the scope of an emergency;
- (c) Evacuating premises which are or which may be affected;
- (d) Preventing accidental ignition;
- (e) Reporting to the appropriate supervisor on an emergency and requesting assistance when needed;
- (f) Implementing procedures for shutdown or pressure reduction in the pipeline system as necessary to minimize hazards;
- (g) Controlling pedestrian and vehicular traffic in an area affected by an emergency;
- (h) Controlling the flow of leaking gas and its migration;
- (i) Ventilating affected premises;
- (j) Coordinating with fire, police, and other public officials the actions to be taken;

- (k) Implementing procedures for the safe restoration of service to facilities affected by an emergency.

### 3. Emergency Management Team

The functions of the emergency management team are to develop and maintain an effective emergency response plan, and to provide support to the field level response team(s). This team also serves in an informational role by monitoring emergency response activities and recommending actions to field response personnel and/or to senior management. The responsibilities of the emergency management team include, but are not limited to:

- (a) Establishing and maintaining written emergency response procedures that state the purpose and objectives of the emergency plan and provide the basis for instructions to appropriate personnel;
- (b) Establishing and maintaining gas emergency response physical logistics plan(s);
- (c) Establish provisions to ensure prompt and adequate handling of all calls that concern emergencies whether they are from customers, the public, employees, or other sources;
- (d) Establishing and maintaining adequate means of communication within LG&E and with appropriate fire, police, and other public officials;
- (e) Ensuring the availability of emergency response personnel, equipment, and tools;
- (f) Providing for the investigation of emergencies;
- (g) Providing employees access to emergency response procedures;
- (h) Establishing and maintaining a training program that ensures and validates employees are capable of effectively responding to an emergency;
- (i) Reviewing each emergency to determine whether procedures were effectively followed, whether the response to the emergency was timely, and whether changes to the procedures need to be made as indicated by the experience of the emergency;
- (j) Establishing and maintaining liaison with public officials including plans on how to engage in mutual assistance to minimize hazards to life and property;
- (k) Identifying emergencies that require notification to senior management and to public officials.

### 4. Crisis Management Team

The crisis management team is a multi-disciplinary team comprised of senior managers from line and functional areas such as operations, operations support, environmental, safety, legal, and communications. The crisis management team is responsible for responding to emergencies that have the potential to seriously affect LG&E's public image, regulatory standing, and financial stability. The primary role of the crisis management team is to evaluate the strategic and potential long-term business consequences associated with a crisis. Responsibilities of the crisis management team include, but are not limited to:

- (a) Evaluating the overall response to, and possible consequences of, an emergency;
- (b) Ensuring adequate support is available to the overall emergency response effort;
- (c) Taking appropriate actions to minimize both short- and long- term impacts of an incident;
- (d) Evaluating long-term consequences of an emergency;
- (e) Developing and implementing strategies to prevent an emergency from seriously affecting LG&E's public image, regulatory standing, and financial stability.

## 1.6 DEFINITIONS


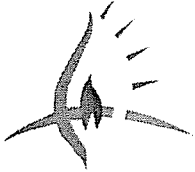
1. **Agency:** An agency is a division of government with a specific function, or a non-governmental organization that offers assistance in emergency response.
2. **Command:** The act of directing and/or controlling resources by virtue of explicit legal, agency, or delegated authority.
3. **Foreign Crew Guide:** Personnel responsible for overseeing contractor and/or mutual aid utility gas crews.
4. **Group Supervisor:** The individual responsible for the on-site management of the incident operations.
5. **Incident:** An occurrence either human caused or by natural phenomena, that requires action by emergency service personnel to prevent or minimize loss of life or damage to property and/or natural resources.
6. **Incident Commander (IC):** The individual responsible for the management of all incident operations.
7. **Incident Command System (ICS):** The combination of facilities, equipment, personnel, procedures and communications operating within a common organizational structure with responsibility for management of assigned resources to effectively respond to an emergency.
8. **Initial Action:** The actions taken by personnel that are the first to arrive at an incident.
9. **Initial Response:** Resources initially committed to an incident.
10. **Leader:** The ICS title for an individual responsible for a Task Force, Strike Team, or functional unit.
11. **Liaison:** The point of contact between representatives from agencies and the Incident Response Manager.
12. **Logistics:** The section responsible for providing facilities, services, and materials for the incident.
13. **Operations:** The section responsible for all tactical operations at the incident.
14. **Planning:** The section responsible for assessing the incident and developing an action plan to address the situation.
15. **Public Information Representative (PIR):** A member of the Command Staff responsible for interfacing with the public and media or with other agencies requiring information directly from the incident. There is only one Public Information Representative per incident.
16. **Resources:** Personnel and equipment available, or potentially available, for assignment to incidents.
17. **Safety Officer (SO):** A member of the Command Staff responsible for monitoring and assessing safety hazards or unsafe situations, and for developing measures for ensuring personnel safety.

18. **Staging Area:** Locations set up at an incident where resources can be placed while awaiting a tactical assignment

**1.7 REVISIONS**

**Revision 5:**

- (1) Updated the definitions per Energy Delivery's operational procedure entitled "Incident Command System -- Following National Incident Management System Guidelines", revision 5 dated 7/16/2007.
- (2) Added information on the framework for an organizational emergency response structure.
- (3) Deleted the section for drug and alcohol testing since this is already covered in GEOP Section 4.

	<p style="text-align: center;"><b>GEOP</b> GAS EMERGENCY OPERATING PROCEDURES</p>	 <p style="text-align: center;"><b>Energy Delivery</b></p>
<b>Section: 4 RESPONSE TO EMERGENCY</b>		
<b>Revision:</b> 6	<b>Effective Date:</b> 08/25/08	

#### 4.1 FIRE OR EXPLOSION INVOLVING OR POTENTIALLY INVOLVING GAS

1. Person Receiving Notice

- (a) Dispatch emergency first response personnel.
- (b) Notify Company Officials in accordance with GEOP Section 5.

**☎ NOTIFY COMPANY OFFICIALS!**

2. Incident First Responder

- (a) Do a thorough assessment of the situation upon arrival at the scene.
- (b) Determine the extent to which gas facilities are involved and the hazards that may be present.
- (c) Establish communications with the Fire Department's Incident Commander and other emergency response agencies on the scene.
- (d) Be prepared to assist the Fire Department in shutting off gas service and isolating gas facilities.
- (e) Ensure that Corporate Communications has been notified in accordance with GEOP Section 5.

#### 4.2 GAS REPORTED INSIDE A BUILDING

1. Person Receiving Notice

- (a) Dispatch an emergency response crew to the location.

2. Incident First Responder

- (a) Upon arrival at the location, clear and adjust the combustible gas indicator (CGI).
- (b) Knock on the door for entry.

**→ DO NOT RING THE DOORBELL!**

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	Manager, Safety & Technical Training	Manager, Gas Engineering

- (c) Sample the atmosphere with the CGI immediately upon entering the premises. Check all areas where the resident smelled gas including:
  - (i) floor drains
  - (ii) cracks in walls
  - (iii) gas, water, sewer, and other pipes entering below grade
  - (iv) appliances
  - (v) ceilings
- (d) If gas is detected inside the building, take the following precautions:
  - (i) Do not operate switches, telephones, or other electric devices.
  - (ii) Ask the occupants to evacuate the building if there is an immediate danger.
  - (iii) Eliminate ignition sources.
  - (iv) Turn off the gas supply.
  - (v) Red tag appliances when necessary.
  - (vi) Bar test the service to the building when necessary.
  - (vii) Investigate adjacent buildings when necessary.
- (e) Call for additional resources if needed.

**☎ IF IN DOUBT MAKE THE CALL!**

- (f) Call “911” immediately from a safe location if any of the following conditions are observed:
  - (i) Damaged customer meter or regulator blowing gas into the building.
  - (ii) Broken or damaged house piping resulting in blowing gas inside the building or a confined space.
  - (iii) Any strong gas odors reported inside schools, hospitals, or other areas of public assembly.
  - (iv) Gas ignition occurs.

**☎ CALL “911”!**

- (g) Notify Company Officials in accordance with GEOP Section 5, when conditions warrant.

**☎ IF IN DOUBT MAKE THE CALL!**

#### **4.3 GAS DETECTED NEAR A BUILDING**

1. Person Receiving Notice
  - (a) Dispatch an emergency response crew to the location.
2. Incident First Responder
  - (a) Assess the scene.
  - (b) Bar test the service line and any other gas facilities posing a leak migration hazard to the building.
  - (c) Check cracks, crevices, manholes, and catch basins.
  - (d) Call “911” immediately if any of the following conditions are observed:
    - (i) Damaged customer meter or regulator blowing gas into the building.
    - (ii) Broken or damaged house piping resulting in blowing gas inside the building or a confined space.

- (iii) Any strong odor of gas reported inside schools, hospitals, or other areas of public assembly.
- (iv) Gas ignition occurs.

**CALL "911"!**

- (e) Establish liaison with emergency response agencies dispatched to the location.
- (f) Call for additional resources if needed.
- (g) Notify Company Officials in accordance with GEOP Section 5, when conditions warrant.

**IF IN DOUBT MAKE THE CALL!**

#### 4.4 DAMAGED PIPELINES

##### 1. Person Receiving Notice

- (a) Dispatch an emergency response crew to the location.

##### 2. Incident First Responder

- (a) Visually assess the scene to determine the extent that the pipeline facilities have been damaged.
- (b) Where necessary, implement traffic controls and other barriers to secure the area and keep people a safe distance away from the damaged pipeline facilities.
- (c) Call "911" immediately if any of the following conditions are observed:
  - (i) Punctured or severed transmission, distribution, or service lines creating a major, uncontrolled release of natural gas, when such release results in a CGI reading of 25% LEL or greater at a distance of 10 feet from the edge of the excavation.
  - (ii) Damaged customer meter or regulator blowing gas into the building.
  - (iii) Broken or damaged house piping resulting in blowing gas inside the building or a confined space.
  - (iv) Any strong gas odors reported inside schools, hospitals, or other areas of public assembly.
  - (v) Gas ignition occurs.

**CALL "911"!**

- (d) Establish liaison with emergency response agencies dispatched to the location.
- (e) Keep ignition sources away from the damaged facilities.
- (f) Where warranted shutdown the pipeline in accordance with GEOP Section 7.
- (g) Call for additional resources if needed.
- (h) Notify Company Officials in accordance with GEOP Section 5, when conditions warrant.

**IF IN DOUBT MAKE THE CALL!**

#### 4.5 CARBON MONOXIDE

##### 1. Person Receiving Notice

- (a) Dispatch an emergency response crew to the location.

##### 2. Incident First Responder

- (a) Purge the CO monitor prior to entering the building.
- (b) Knock on the door for entry.

**DO NOT RING THE DOORBELL!**

- (c) Ask the occupants if they are feeling symptoms of possible CO poisoning. Symptoms include headache, dizziness, mental confusion, nausea, weakness, vomiting, and shortness of breath.

**IF ANY OF THE OCCUPANTS EXHIBIT SYMPTOMS, ASK ALL OCCUPANTS TO EVACUATE THE BUILDING. CALL "911"! NOTIFY COMPANY OFFICIALS!**

**IF NO ONE ANSWERS THE DOOR AND YOU SUSPECT SOMEONE IS IN THE BUILDING, CALL "911"! TURN OFF THE GAS SUPPLY! NOTIFY COMPANY OFFICIALS!**

- (d) Sample for CO after entering the building. If the level of CO inside the building is greater than 9 parts per million (ppm) in a residential building or 35 ppm in a commercial building investigate to find the cause for the reading.

**IF MONITORING INDICATES A CO LEVEL GREATER THAN 100 PPM AT ANY LOCATION IN THE BUILDING, ASK OCCUPANTS TO EVACUATE. LEAVE THE BUILDING! CALL "911"! NOTIFY COMPANY OFFICIALS!**

- (e) When sampling for the presence of CO, test at the following locations:
  - (i) In the air at eye level.
  - (ii) Near gas appliances.
  - (iii) At registers and heating ducts.
  - (iv) Near draft diverters, vents, and combustion doors on gas appliances.
- (f) If a specific gas appliance is identified as the source of the CO leak, red-tag the appliance in accordance with OM&I Procedures. Notify the customer to contact a qualified service person to repair/adjust the appliance.
- (g) Notify Company Officials in accordance with GEOP Section 5, when conditions warrant.

**IF IN DOUBT MAKE THE CALL!**

#### 4.6 DRUG AND ALCOHOL TESTING

1. All personnel who may be called upon to either directly or indirectly perform emergency response functions must be included in the drug and alcohol control programs described under 807 KAR 5:023 (Kentucky Administrative Regulations) and 49 CFR Part 199 (Department of Transportation Regulations).
2. For the purpose of this section, an *accident* means an incident requiring telephonic notice to the United States Department of Transportation or to the Kentucky Public Service Commission.
3. As soon as possible but no later than 32 hours after an *accident*, LG&E will **drug test** each employee whose performance either contributed to the *accident* or cannot be completely discounted as a contributing factor to the *accident*. If an employee is injured, unconscious, or otherwise unable to evidence consent to the drug test, all reasonable steps must be taken to obtain a urine sample.

LG&E may decide not to test under this section, but such a decision must be based on the best information available immediately after the *accident* that the employee's performance could not



have contributed to the accident or that, because of the time between that performance and the accident, it is not likely that a drug test would reveal whether the performance was affected by drug use.

4. As soon as practicable but no later than 8 hours following an accident, LG&E will **test** each covered employee **for alcohol** if that employee's performance either contributed to the accident or cannot be completely discounted as a contributing factor to the accident. LG&E may decide not to test under this section, but such a decision must be based on the best information available immediately after the accident that the employee's performance could not have contributed to the accident.

#### **4.7 GAS INCIDENT INFORMATION SHEET**

The gas incident information sheet shown in Appendix C can be used as a tool to document information from a gas incident. The sheet contains the federal and state reporting criteria as well as the memorandum of understanding between LG&E and the Jefferson County Department of Emergency Services.


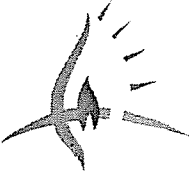
#### **4.8 REVISIONS**

##### **Revision 5**

- (1) Changed all references to the "Incident Response Manager" to the "Incident First Responder".
- (2) Updated tasks throughout the document accordingly.

##### **Revision 6**

- (1) Changed wording of Section 4.3.2(b) to include gas facilities other than gas services that pose a migration threat.

	<b>GEOP</b> GAS EMERGENCY OPERATING PROCEDURES	
<b>Section: 9</b> <b>TRAINING</b>		
<b>Revision:</b> <b>4</b>	<b>Effective Date:</b> <b>10/08/07</b>	<b>Energy</b> <b>Delivery</b>

### 9.1 EMPLOYEES TO BE TRAINED

1. Annual training will be conducted for appropriate Energy Delivery personnel to ensure that they are knowledgeable of the emergency procedures. Refer to OM&I procedure GOM&I-GN-005 for information on employee OM&I training. In conducting emergency response training, special emphasis will be placed on the following:
  - (a) Understanding the properties and behavior of natural gas as related to types of potential hazards.
  - (b) Coordinated execution of the GEOP procedures.
  - (c) Knowledge of how emergency control is exercised in various sections of the gas system.
  - (d) Responsibilities of each employee responding to an emergency.
  - (e) Evaluation of reports of gas odor and other potential emergencies.
  - (f) Response to different types of emergency situations.
  - (g) Notification and communications procedures.

### 9.2 TRAINING METHODS

1. A combination of training methods will be used to ensure that employees are knowledgeable and capable of performing emergency response. Training methods that will be used include classroom discussion, desktop emergency response scenarios, and unannounced emergency response drills. Emergency exercises (i.e., emergency response scenarios and drills) will be developed based on worst-case scenarios.

### 9.3 EVALUATION OF TRAINING EFFECTIVENESS

1. The effectiveness of the GEOP training may be verified by methods such as oral tests, written tests, or performance evaluations of simulated emergencies.
2. The Safety and Technical Training department will establish and maintain records documenting the verification of the GEOP training effectiveness.
3. Employee activities will be reviewed to determine whether GEOP procedures were effectively followed.
4. In accordance with pipeline safety regulations defined in 49 CFR Part 192, Subpart N, all employees who operate and maintain pipeline facilities will be qualified in accordance with LG&E's DOT Operator Qualification Plan.

### 9.4 REVISIONS

**Revision 4** - Updated Section 9.3.1, and the signature block, added OM&I reference to training.

Dir., Distribution Operations	Dir., Gas Storage, Control & Compliance	Dir., Asset Management
	Manager, Safety & Technical Training	Manager, Gas Engineering