City of Liberty
P.O. Box 127 • Liberty, KY 42539

February 28, 2019

Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

Re: Case No. 2017-00053

Dear Commission,

Attached are the repair reports for the two remaining grade 2 leaks from the leakage survey for the Liberty Gas System, which was completed by Heath Consultants in August 2018.

During the survey five (5) grade 3 leaks were discovered in Liberty's gas system. Those leaks are scheduled for repair by Liberty Gas System by August 2019. Repair reports will be sent to the Commission as soon as they are completed.

Please contact me at 606-787-9973 or libertybb@windstream.net for any questions or concerns.

Sincerely,

Bridgett Blake

Bridgett Blake, City Clerk
City of Liberty, Kentucky

Form 635
Revised 8/11

White/System/LOS
Yellow/Central/NR
Pink/Pending/Until Repaired

☐ Uprating
Copy/Work Order File/LOS

LEAK REPORT

Date Discovered: 8-10-19 Resurvey Date(s): _____

Leak Class: ☐ 1 ☑ 2 ☐ 3 Facility Classification: ☐ Distribution Main ☐ Gathering Line ☐ Service Line ☐ Transmission Line ☐ Meter Installation ☐ Regulator Station

Submitted By: _____

Leak Location: On Valve 7009 K 49 Atwood Church

Map Sheet Number: _____ GPS Latitude: _____

VIP Pipeline Designation: _____ Longitude: _____

How Discovered: ☑ Leak Survey ☐ Patrol ☐ Other - Explain: _____

Date Repaired: ~~8-10-19~~ 2-7-19 Repaired By: Darren Greg

Cause of Leak:

Corrosion
- ☐ Atmospheric
- ☐ External
- ☐ Internal (Send Pipe Sample to Director-Technical Services)

Incorrect Operations
- ☐ Human Error
- ☐ Ineffective Procedures

Other Outside Force
- ☐ External Loading
- ☐ Fire/Explosion
- ☐ Vandalism
- ☐ Vehicle
- ☐ Other – Explain: _____

Natural Forces
- ☐ Earthquake
- ☐ Earth/Rock Movement
- ☐ Flood
- ☐ Frost Heave
- ☐ Landslide
- ☐ Lightning
- ☐ Subsidence
- ☐ Tornado
- ☐ Washout
- ☐ Other _____

Equipment
- ☐ Excess Flow Valve
- ☐ Filter
- ☐ Flow/Pressure Controller
- ☐ Heater
- ☐ Meter Casing
- ☐ Odorizer
- ☐ Regulator/Relief Valve
- ☐ Thread
- ☐ Valve
- ☐ Other – Explain: _____

Material and Welds
- ☐ Directional Fitting
- ☐ Flange
- ☐ Mechanical Fitting
- ☐ Pipe
- ☐ Plastic Fusion Coupling
- ☐ Plastic to Plastic Compression Coupling
- ☐ Plastic to Steel Transition
- ☐ Screw Fitting
- ☐ Tap Tee
- ☐ Workmanship Defect
- ☐ Other – Explain: _____

☐ **Brittleness – Crack/Split** (Send Pipe Sample to Manager-Construction)

☐ **Excavation**
Name of Excavator: _____
Result of Previous Damage: ☐ Yes ☐ No

☐ **Other** – Explain: _____

Pipe Size: 1" Pipe Condition: ☑ Good ☐ Fair ☐ Poor

Pipe Type: Plastic: ☐ Aldyl A ☐ Plexco ☐ PE 2406 ☐ Other Steel: ☑ Threaded ☐ Welded

Cathodically Protected: ☑ Yes ☐ No Cathodic Protection P/S Reading: _____

Type of Coating: (Steel Only) ☑ Bare ☐ Millwrap ☐ Plastic X-Tru Coat ☐ Thin Film ☐ Other - Explain: _____

Coating Condition: ☐ Satisfactory ☐ Unsatisfactory Year Pipe Installed: _____

Steel Pipe Condition Report Number: _____ Original Work Order Number: _____

Repair Method: ☑ Replaced ☐ Leak Clamp ☐ Other - Explain: Valve

Test Method: (Reinstated Service Lines Only) ☐ Leak (Fittings) ☐ Pressure _____ Psig _____ Duration

Approved By: Darren Atwood

ABOVE GROUND LEAKS 2018
Liberty Kentucky

DATE	ADDRESS	GRADE	REMARKS
8/7/2018	511 Middleburg St	3	Regulator Vent
8/8/2018	161 Phillips St	3	Meter Index Drive
8/9/2018	231 Courthose Sq	3	2" Outlet Union
8/10/2018	6290 ky 49	3	Top of Shutoff
8/10/2018	7009 KY 49 Atwood Church	2	HPR on Riser
8/10/2018	315 Button Knob	3	HPR regulator T

Form 635
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White/System/LOS
Yellow/Central/NR
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☐ Uprating
Copy/Work Order File/LOS

LEAK REPORT

Date Discovered: 6-9-18 Resurvey Date(s): 8/8/8/8

Leak Class: ☐ 1 ☑ 2 ☐ 3 Facility Classification: ☐ Distribution Main ☐ Gathering Line ☐ Service Line ☐ Transmission Line ☐ Meter Installation ☐ Regulator Station

Submitted By: _____

Leak Location: 29 Hustonville st

Map Sheet Number: _____ GPS Latitude: _____

VIP Pipeline Designation: _____ Longitude: _____

How Discovered: ☑ Leak Survey ☐ Patrol ☐ Other - Explain: _____

Date Repaired: 2-7-19 Repaired By: Darren Greg

Cause of Leak:

Corrosion
- ☐ Atmospheric
- ☐ External
- ☐ Internal (Send Pipe Sample to Director-Technical Services)

Incorrect Operations
- ☐ Human Error
- ☐ Ineffective Procedures

Other Outside Force
- ☐ External Loading
- ☐ Fire/Explosion
- ☐ Vandalism
- ☐ Vehicle
- ☐ Other – Explain: _____

Natural Forces
- ☐ Earthquake
- ☐ Earth/Rock Movement
- ☐ Flood
- ☐ Frost Heave
- ☐ Landslide
- ☐ Lightning
- ☐ Subsidence
- ☐ Tornado
- ☐ Washout
- ☐ Other _____

Equipment
- ☐ Excess Flow Valve
- ☐ Filter
- ☐ Flow/Pressure Controller
- ☐ Heater
- ☐ Meter Casing
- ☐ Odorizer
- ☐ Regulator/Relief Valve
- ☐ Thread
- ☐ Valve
- ☐ Other – Explain: _____

Material and Welds
- ☐ Directional Fitting
- ☐ Flange
- ☐ Mechanical Fitting
- ☐ Pipe
- ☐ Plastic Fusion Coupling
- ☐ Plastic to Plastic Compression Coupling
- ☐ Plastic to Steel Transition
- ☐ Screw Fitting
- ☐ Tap Tee
- ☐ Workmanship Defect
- ☐ Other – Explain: _____

☐ **Brittleness – Crack/Split** (Send Pipe Sample to Manager-Construction)

☐ **Excavation** Name of Excavator: _____ Result of Previous Damage: ☐ Yes ☐ No

☐ **Other** – Explain: _____

Pipe Size: 1" Pipe Condition: ☑ Good ☐ Fair ☐ Poor

Pipe Type: Plastic: ☐ Aldyl A ☐ Plexco ☐ PE 2406 ☐ Other Steel: ☑ Threaded ☐ Welded

Cathodically Protected: ☐ Yes ☐ No Cathodic Protection P/S Reading: _____

Type of Coating: (Steel Only) ☑ Bare ☐ Millwrap ☐ Plastic X-Tru Coat ☐ Thin Film ☐ Other - Explain: _____

Coating Condition: ☐ Satisfactory ☐ Unsatisfactory Year Pipe Installed: _____

Steel Pipe Condition Report Number: _____ Original Work Order Number: _____

Repair Method: ☐ Replaced ☐ Leak Clamp ☐ Other - Explain: Cap off took down

Test Method: (Reinstated Service Lines Only) ☐ Leak (Fittings) ☐ Pressure _____ Psig _____ Duration

Approved By: Darren Greg

HEATH CONSULTANTS

Heath Consultants Incorporated

9030 Monroe Road, Houston, TX 77061

Page No. _____

Date 8-9-2018

Status (Circle Status) Pos. / Neg.

Leak Indication Classification (Circle Leak Indication

1 2 3

TIME REPORTED _____

1 LEAK ONLY

LEAKAGE CONTROL REPORT

FIELD SURVEY

Company Liberty Utilities

District Gas System Survey

City Liberty

State KY

Nearest Street Address

29 Hustonville St

TYPE OF GAS

Natural	X
Manuf.	
L.P.	
Other	

PIPE DESIGNATION

Distribution	X
Transmission	
Gathering	
Other	

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)

Atmosphere	X
Bar Hole Test	
Man Hole	
Pit (Reg. or Meter)	
Valve Box	
Main Valve	
Curb Valve	
Meter Box	
Underground Fuel Tank	
Selected Test	

METHOD OF SURVEY

Vegetation	
Portable F I	
Mobile F I	
Bar Hole	
Other RMLD	

PRESSURE

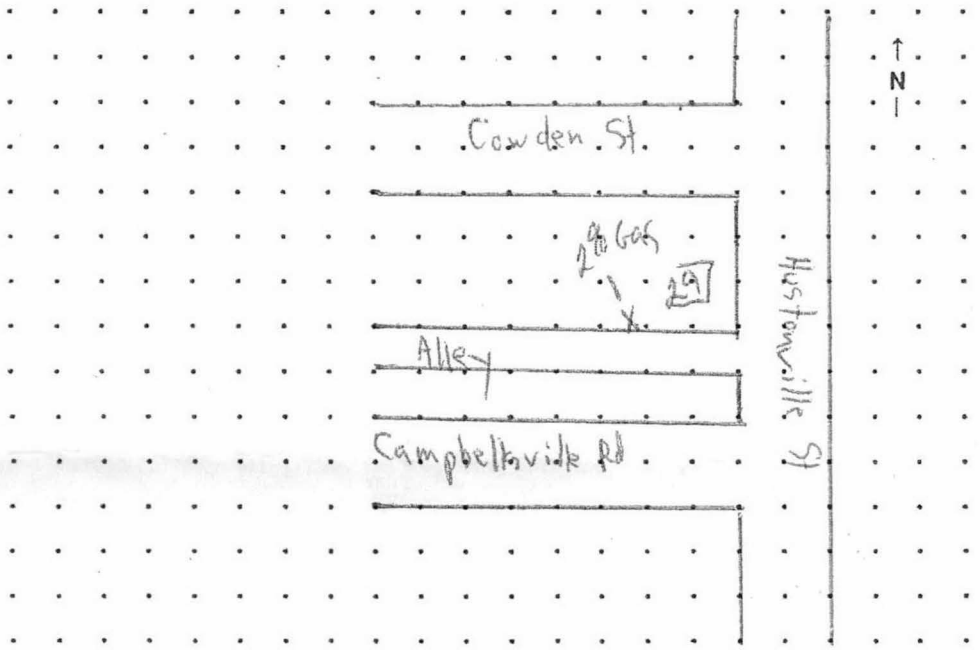
High	
Intermediate	
Low	

LEAK INDICATION APPEARS TO BE AT:

Main	
Service	X
Service Tap	
Main At Tie In	
Drip	
Meter	
Curb Valve	
Main Valve	
Other	

CGI TEST

Positive 290	X
Negative	



LEAK INDICATION (Vegetation Only)

Trees	
Shrubs	
Grass N/A	
Lawn	
Weeds	
Odor	
Other	

LOCATION OF PIPE

Street	
Between St. & Sidewalk	
Under Sidewalk	
Lawn	X
Easement	
R.O.W.	
Other	

COVER

Concrete	
Asphalt	
Brick	
Gravel	
Soil	X
Other	

Remarks Leak appears to be on service

Client Representative

Marty C. Ray

Heath Consultant

123-LEAKAGE CONTROL