

# City of Liberty

P.O. Box 127 • Liberty, KY 42539

**RECEIVED**

OCT 16 2017

PUBLIC SERVICE  
COMMISSION

October 9, 2017

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

Re: Case No. 2017-00053

Dear Commission,

The leakage survey for the Liberty Gas System has been completed by Heath Consultants. We have attached the final report from Heath. We will send in repair reports as we get these leaks fixed.

Please contact me at 606-787-9973 or [libertybb@windstream.net](mailto:libertybb@windstream.net) for any questions or concerns.

Sincerely,



Bridgett Blake, City Clerk  
City of Liberty, Kentucky



City Hall  
(606) 787-9973

Utilities  
(606) 787-6691

Fax (606) 787-7992

TDD # 1-800-247-2510

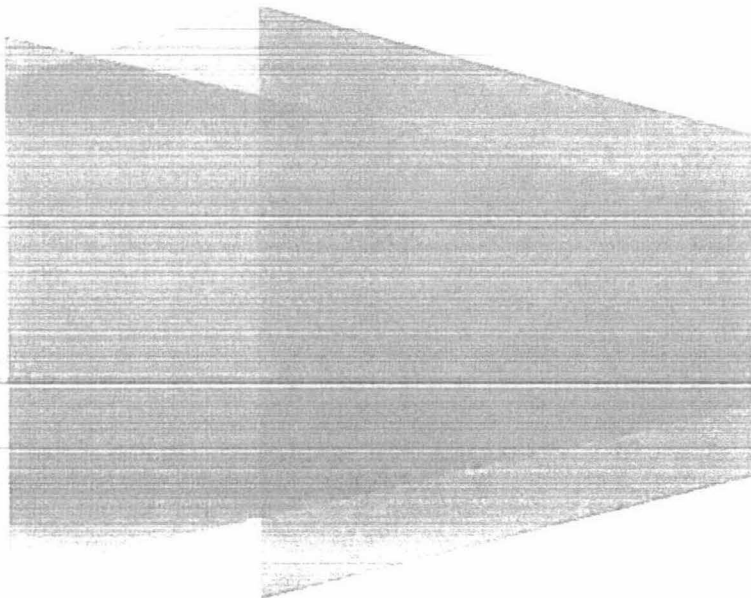


Leak Survey Report

# CITY OF LIBERTY GAS DEPARTMENT

LIBERTY, KY.

Heath Consultants



2017



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Heath Consultants Incorporated

10/6/17

Bridgett Blake  
City of Liberty Gas Dept.  
P.O. Box 127  
Liberty, KY. 42539

Ms. Blake,

This is your final report of the results obtained during the recently completed gas leakage control survey.

The summary page following will give you further details concerning your survey. Should you have any questions or comments regarding the survey or this report, please contact us at 615.361.8306.

We appreciate this opportunity to be of service to you and look forward to serving you again in the near future.

Sincerely,

Todd Kelley  
General Manager/ South Eastern Division  
Heath Consultants Incorporated

**SUMMARY OF  
LEAKAGE CONTROL SURVEY  
2017**



City of Liberty  
Client

Liberty, KY  
City and State

Gas Leak Survey  
District or Division

Conducted by our Consultant(s)      Jonathan Masarek  
Date Started: 8/21/2017    Date Completed:      8/29/2017

Number of Survey Days                  6  
Number of Hours                  48 plus 8 travel hours  
Miles of Main Surveyed:              32.3  
Number of Services Surveyed:        629  
  
Number of Leak Indications:           14

Below Ground Classification		
1	2	3
0	7	0

- Key Map Symbols
- X Indicates Leak Location
  - ///Estimated Area Affected
  - <\ Catch Basin
  - \* Tree
  - [ ] House or Building
  - \_\_\_ Represents Curb Lines
  - Indicates Main

Above Ground Classification		
1	2	3
0	7	0

- Leak Indication Classifications
- Grade 1-      Schedule for immediate repair
  - Grade 2-      Schedule for repair after grade 1 indications are completed. Recheck mandatory if leak cannot be repaired within 6 months or before frost
  - Grade 3-      Repair as work schedule permit If indications cannot be repaired within one year, indication should be rechecked

**Special Cases**

Contact HEATH CONSULTANTS INCORPORATED for further information regarding any Special Cases such as analysis, sample collecting, investigation, verification, survey recheck, etc. Our Consultant will be available on 24-hour notice to assist you

\* Leak indication is not an exact science in spite of use of the most modern instruments plus complete training and experience by the Consultant it is impossible to determine the exact condition of underground piping and equipment without actually exposing same. In view of this limitation our Classification is intended as an aid in scheduling repairs based upon the information available, the Consultants judgement and site conditions at the time the report is prepared. Variable factors beyond our control may alter this Classification at any time. Main and service line leak indications are classified individually. Classifications for buildings where leakage is found refer to situation as it applies to the entire building. Individual building leaks are not classified



**CONSULTANT'S WEEKLY RESUME**

ORDER NO.: \_\_\_\_\_

CLIENT: City of Liberty

WEEK ENDING: 08/26/17

LOCATION: Liberty, KY

DAYS TO COMPLETE SURVEY: \_\_\_\_\_

Date	Town	Miles	Annual Services	Services	UNDERGROUND LEAKS				ABOVE GROUND LEAKS							BILLABLE HOURS		
					1 or C	2 or B	3 or A	Reports	Buildings	Negative	Positive	1 or C	2 or B	3 or A	Leaks		Reports	
8/20																		
8/21	2.0 Travel to Liberty/8.0 Field	8.4		44		1												10
8/22	Liberty	6.3		63		1												8
8/23	Liberty	3.3		40														8
8/24	Liberty	9.15		242		1							3					8
8/25	Liberty	1.563		70		1							2					8
8/26																		
	<b>TOTAL FOR WEEK</b>	<b>28.71</b>	<b>0</b>	<b>459</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42</b>
	<b>TOTAL THRU LAST WEEK</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>TOTAL TO DATE</b>	<b>28.71</b>	<b>0</b>	<b>459</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42</b>

Day	DPIR PPM	DPIR Alarm	Passed Test?	RMLD PPM-M	RMLD Alarm	Passed Test?	OMD PPM	OMD Alarm	Passed Test?
Sunday									
Monday	sunny/eclipse 130	5	Y	1000	10	Y			
Tuesday	sunny/thunderstorms 130	5	Y	1072	10	Y			
Wednesday	sunny 132	5	Y	1070	10	Y			
Thursday	overcast/ sunny 130	5	Y	1138	10	Y			
Friday	sunny 84	5	N	1038	10	Y			
Saturday									

Calibration Verified: (delete one Yes or No)

RMLD \_\_\_\_\_ S/N 8000709001

DPIR \_\_\_\_\_ 910142001

OMD \_\_\_\_\_

FI \_\_\_\_\_

CGI used client's CGI 616193

on Friday

**JONATHAN MASAREK**

Consultant



CONSULTANT'S WEEKLY RESUME

ORDER NO.: \_\_\_\_\_

CLIENT: City of Liberty

WEEK ENDING: 09/02/17

LOCATION: Liberty, KY

DAYS TO COMPLETE SURVEY: \_\_\_\_\_

Date	Town	Miles	Annual Services	Services	UNDERGROUND LEAKS				ABOVE GROUND LEAKS							BILLABLE HOURS		
					1 or C	2 or B	3 or A	Reports	Buildings	Negative	Positive	1 or C	2 or B	3 or A	Leaks		Reports	
8/27																		
8/28	Liberty																	
8/29	Liberty	3.62		170		3							2					8
8/30	Travel from Liberty																	6
8/31																		
9/1																		
9/2																		
<b>TOTAL FOR WEEK</b>		<b>3.62</b>	<b>0</b>	<b>170</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>
<b>TOTAL THRU LAST WEEK</b>		<b>28.71</b>	<b>0</b>	<b>459</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42</b>
<b>TOTAL TO DATE</b>		<b>32.33</b>	<b>0</b>	<b>629</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>56</b>

Day		DPIR PPM	DPIR Alarm	Passed Test?	RMLD PPM-M	RMLD Alarm	Passed Test?	OMD PPM	OMD Alarm	Passed Test?
Sunday										
Monday	thunderstorms	130	5	Y	1093	10	Y			
Tuesday	fair	131	5	Y	1109	10	Y			
Wednesday										
Thursday										
Friday										
Saturday										

Calibration Verified: (delete one Yes or No) S/N  
 RMLD \_\_\_\_\_ 8000709001  
 DPIR \_\_\_\_\_ 910142001  
 OMD \_\_\_\_\_  
 FI \_\_\_\_\_  
 CGI used client's CGI 616193

**JONATHAN MASAREK**  
 Consultant



Heath Consultants  
 1645 Murfreesboro Rd Suite. E  
 Nashville, TN 37122

Date: 8/21/2017

Page: 1 of 2

**DAILY LISTING OF SERVICES INSPECTED**

Company: CITY OF LIBERTY

Consultants: JONATHAN MASAREK

City: LIBERTY, KY

District or Region: 40

	Address	AOC	Meter #	Neg.	Positive Report #	Not Insp.
1	909 HUSTONVILLE ST		A511503	X		
2	221 NAPIER ST		14C203838	X		
3	465 WOODRUM RIDGE RD		M049193	X		
4	187 " "		5236047	X		
5	162 SWEENEY ST		8629817	X		
6	256 " "		7148839	X		
7	5725 KY 49		7575833	X		
8	5917 " "		C841196		#1 G2 BG	
9	6290 " "		R064907	X		
10	7009 " "		C841204	X		
11	4399 CANEY FORK RD		2219810	X		
12	7293 KY 49		12T929135	X		
13	7276 " "		R064915	X		
14	7486 " "		W676313	X		
15	7806 " "		D459326	X		
16	11168 KY 1547		V032172	X		
17	165 BUTTON KNOB RD		02C410056	X		
18	10963 KY 1547		M459875	X		
19	11138 " "	Needs Paint	A901137	X		
20	10897 " "		W676304	X		
21	653 BUTTON KNOB RD		H091907	X		
22	10520 KY 1547	Needs Paint	W676320	X		
23	10253 " "		99A339928	X		
24	10167 " "		D707440	X		
25	" " " CHURCH		H091910	X		
26	10045 " "		8977983	X		
27	10006 " "	Needs Paint	03D459321	X		
28	9972 " "	Needs Paint	12T929130	X		
29	9908 " "		W676340	X		

30	42 SHEEPSKIN RD		M049191	X		
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Heath Consultants  
 1645 Murfreesboro Rd Sulte. E  
 Nashville, TN 37122

Date: 8/22/2017

Page: 1 of 3

**DAILY LISTING OF SERVICES INSPECTED**

Company: CITY OF LIBERTY

Consultants: JONATHAN MASAREK

City: LIBERTY, KY

District or Region: 40

	Address	AOC	Meter #	Neg.	Positive Report #	Not Insp.
1	107 WOODRUM RIDGE RD		14C203847	X		
2	" " "		06H114302	X		
3	100 NAPIER ST LOT 14		55925958	X		
4	" " " LOT 19		?	X		
5	" " " LOT 20		?	X		
6	" " " LOT 18		?	X		
7	" " " LOT 21		?	X		
8	" " " LOT 22		B706087	X		
9	" " " LOT 23		?	X		
10	774 E KY 70		03D459316	X		
11	" " "		?	X		
12	1168 " "		06H114289	X		
13	1190 " "		W962460	X		
14	1305 " "		07J092519	X		
15	1377 " "		?	X		
16	1397 " "		A805881	X		
17	1423 " " LOT 1		12T929143	X		
18	" " " LOT 2		99A339927	X		
19	1533 " "		V032178	X		
20	1520 " "		W676299	X		
21	1563 " "		N351461	X		
22	1611 " "		11N760836	X		
23	1841 " "		5528393	X		
24	1723 " "		5441542	X		
25	1841 " " GYM		5526926	X		
26	" " " HIGH SCHOOL		01B964118	X		
27	" " " SCIENCE		5537014	X		
28	1983 " " WEIGHT ROOM		01B964115	X		
29	" " " BUS GARAGE		00A779241	X		

30	" " " FIELD		T954944	X		
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Heath Consultants  
1645 Murfreesboro Rd Suite. E  
Nashville, TN 37122

Date: 8/23/2017

Page: 1 of 2

**DAILY LISTING OF SERVICES INSPECTED**

Company: CITY OF LIBERTY

Consultants: JONATHAN MASAREK

City: LIBERTY, KY

District or Region: 40

	Address	AOC	Meter #	Neg.	Positive Report #	Not Insp.
1	225 S WILKINSON BLVD		W676296	X		
2	289 " "	Needs Paint	5351840	X		
3	253 " "		?	X		
4	581 " "		?	X		
5	126 SHARP HOLLOW DR		12T929128	X		
6	54 " "		W676310	X		
7	611 S WILKINSON BLVD		9564748	X		
8	677 " " GARAGE		?	X		
9	" " RENTAL		?	X		
10	616 " "		9455638526	X		
11	690 " "		03D273185	X		
12	713 " "		8921092	X		
13	876 " "	Needs Paint	D273182	X		
14	67 BELIEVERS LN		V032162	X		
15	1074 S WILKINSON BLVD		03D031648	X		
16	? " " KY TRANS		6036341	X		
17	1214 " "		P060936	X		
18	? " " (WEDDLE)		?	X		
19	1498 " "		03-684870	X		
20	1500 " "		9155535407	X		
21	1517 " "		V603259	X		
22	1678 " "		15D698996	X		
23	? CAMPBELLSVILLE ST RECYCLE CTR		B964108	X		
24	1219 " "		7956160982	X		
25	812 " "		98Z302623	X		
26	718 " "		99A339921	X		
27	704 " "		W676315	X		
28	250 KY 49		?	X		
29	254 " "		?	X		

30	278 " "	Meter on ground	?	x		
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Heath Consultants  
1645 Murfreesboro Rd Suite. E  
Nashville, TN 37122

Date: 8/24/2017

Page: 1 of 9

**DAILY LISTING OF SERVICES INSPECTED**

Company: CITY OF LIBERTY

Consultants: JONATHAN MASAREK

City: LIBERTY, KY

District or Region: 40

	Address	AOC	Meter #	Neg.	Positive Report #	Not Insp.
1	97 MIDDLEBURG ST		?	X		
2	57 " "	Needs Paint	1101152	X		
3	69 " "		06H114432	X		
4	58 " "		07J092518	X		
5	74 " "		V603262	X		
6	94 " "		F146236	X		
7	89 " "		98Z302622	X		
8	115 " "		W676328	X		
9	106 " "		R064914	X		
10	118 " "	Needs Paint	7895448	X		
11	138 " "	Needs Paint	F151029	X		
12	143 " "		D551511	X		
13	173 " "		E512247	X		
14	209 " "		?	X		
15	22 CONNER ST		?	X		
16	38 " "		7590856	X		
17	45 " "		?	X		
18	50 " "		F146241	X		
19	62 " "		8629812	X		
20	78 " "		?	X		
21	79 " "		07J092527	X		
22	219 MIDDLEBURG ST		?	X		
23	238 " "	Needs Paint	?	X		
24	248 " "	Needs Paint	D551509	X		
25	233 " "		?	X		
26	253 " "		12T929125	X		
27	266 " "		?	X		
28	296 " "		?	X		
29	ADANTA MIDDLEBURG ST		97Y763352	X		

30	44 MAPLE AVE		3444517	X		
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Heath Consultants  
1645 Murfreesboro Rd Suite. E  
Nashville, TN 37122

Date: 8/25/2017

Page: 1 of 3

**DAILY LISTING OF SERVICES INSPECTED**

Company: CITY OF LIBERTY

Consultants: JONATHAN MASAREK

City: LIBERTY, KY

District or Region: 40

	Address	AOC	Meter #	Neg.	Positive Report #	Not Insp.
1	HOSKINS HOUSE ON SANDUSKY		?	X		
2	820 HUSTONVILLE ST	Needs Paint	?	X		
3	563 " "		?	X		
4	844 " "		68S8921100	X		
5	841 " "	Needs Paint	?	X		
6	728 " "	Needs Paint	10N198355	X		
7	740 " "		?	X		
8	450 POPPLEWELL ST		H091895	X		
9	435 " "	Needs Paint	?	X		
10	416 " "	Needs Paint	?	X		
11	408 " "	Needs Paint	?	X		
12	398 " "	Needs Paint	?	X		
13	388 " "	Needs Paint	982302621	X		
14	385 " "	Needs Paint	?	X		
15	369 " "		63S2597628	X		
16	368 " "	Needs Paint	Riser Only		#7 G2 AG	
17	701 WHIPP AVE	Needs Paint	?	X		
18	651 " "		03D459330	X		
19	521 " "	Needs Paint	?		#9 G2 BG	
20	398 HUSTONVILLE ST		?	X		
21	TIM TETLAUT ?	Needs Paint		X		
22	539 ALLEN ST		M840298	X		
23	411 HUSTONVILLE ST		31650	X		
24	587 ALLEN ST		388175	X		
25	109 WALL ST		E508657	X		
26	147 " "	Needs Paint	M049185	X		
27	167 " "	Needs Paint	7148853		#8 G2 AG	
28	241 PHILLIPS ST	Needs Paint	B512241	X		
29	PHILLIP PENDLETON PHILLIPS ST ?	Needs Paint	?	X		

30	232 PHILLIPS ST		4497804	X		
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Heath Consultants  
 1645 Murfreesboro Rd Suite. E  
 Nashville, TN 37122

Date: 8/29/2017

Page: 1 of 6

**DAILY LISTING OF SERVICES INSPECTED**

Company: CITY OF LIBERTY

Consultants: JONATHAN MASAREK

City: LIBERTY, KY

District or Region: 40

	Address	AOC	Meter #	Neg.	Positive Report #	Not Insp.
1	338 TRAMMELL ST	Needs Paint	611222	X		
2	341 " "	Needs Paint	?	X		
3	363 " "	Needs Paint	N351462	X		
4	377 " "		2965030	X		
5	426 " "		2006514	X		
6	438 " "		E508660	X		
7	433 " "		?	X		
8	443 " "		?	X		
9	411 " "	Needs Paint	071092522		#12 G2 BG	
10	434 WEDDLE ST	Needs Paint	E052527	X		
11	411 WHIPP AVE		?	X		
12	405 FAIR ST		?	X		
13	374 " "		97Y792546	X		
14	427 WHIPP AVE		?	X		
15	454 " "	Needs Paint	0710925512	X		
16	255 TRAMMELL ST	Needs Paint	?	X		
17	240 " "		7895409	X		
18	LIBERTY HOUSING AUTHORITY ADAMS ST	Needs Paint	5476786	X		
19	241 TRAMMELL ST	Needs Paint	1467490	X		
20	223 " "	Needs Paint	M049187	X		
21	453 ADAMS ST		06H14431	X		
22	441 " "		?	X		
23	427 " "		M962451	X		
24	428 " "		?	X		
25	438 " "		?	X		
26	427 WOLFORD AVE		?	X		
27	210 FAIR ST	Needs Paint	8131688	X		
28	138 " "	Needs Paint	E512242	X		
29	110 " "	Needs Paint	M459870	X		

30	378 WOLFORD AVE		714836	X		
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Heath Consultants Incorporated

9030 Monroe Road, Houston, TX 77061

Page No. 1

Date 8-21-17

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 CITY OF LIBERTY District \_\_\_\_\_  
City LIBERTY State KY  
Nearest Street Address \_\_\_\_\_

59.17. KY 49

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)	
Atmosphere	<u>RMLD</u> <input checked="" type="checkbox"/>
Bar Hole Test	<input type="checkbox"/>
Man Hole	<input type="checkbox"/>
PII (Reg. or Meter)	<input type="checkbox"/>
Valve Box	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Meter Box	<u>RMLD</u> <input checked="" type="checkbox"/>
Underground Fuel Tank	<input type="checkbox"/>
Sealed Test	<input type="checkbox"/>

METHOD OF SURVEY	
Vegetation	<input type="checkbox"/>
Portable Eq	<u>DPM</u> <input checked="" type="checkbox"/>
Mobile FI	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other	<u>RMLD</u> <input checked="" type="checkbox"/>

PRESSURE	
High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

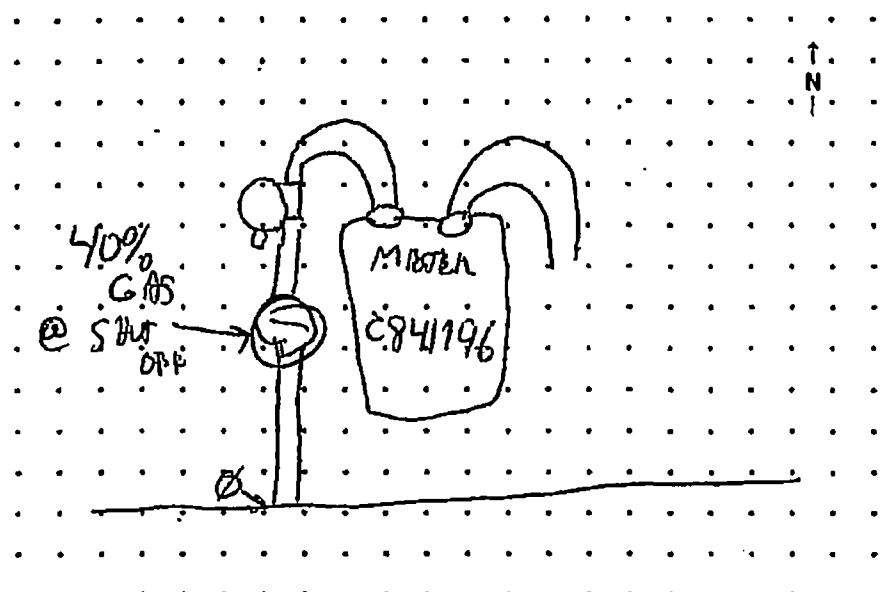
LEAK INDICATION APPEARS TO BE AT:	
Main	<input type="checkbox"/>
Service	<input checked="" type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Meter	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

LEAK INDICATION (Vegetation Only)	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input checked="" type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

COVER	
Concrete	<input type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>



Remarks 40% GAS AT SHUT OFF VALVE ON AREA.

Client Representative \_\_\_\_\_ JONATHAN MARRICK Health Consultant



Health Consultants Incorporated  
8030 Montrose Road, Houston, TX 77061

Page No. 2

Date 8-22-17

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 CITY OF LIBERTY District \_\_\_\_\_

City LIBERTY, KY State KY

Nearest Street Address

2411, KY 49

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)	
Atmosphere	<u>RMLD</u> <input checked="" type="checkbox"/>
Bar Hole Test	<input type="checkbox"/>
Man Hole	<input type="checkbox"/>
PI (Reg. or Meter)	<input type="checkbox"/>
Valve Box	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Meter Box	<input type="checkbox"/>
Underground Fuel Tank	<input type="checkbox"/>
Selected Test	<input type="checkbox"/>

METHOD OF SURVEY	
Vegetation	<input type="checkbox"/>
Portable FT	<u>DPH</u> <input checked="" type="checkbox"/>
Mobile FI	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other	<u>RMLD</u> <input checked="" type="checkbox"/>

PRESSURE	
High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

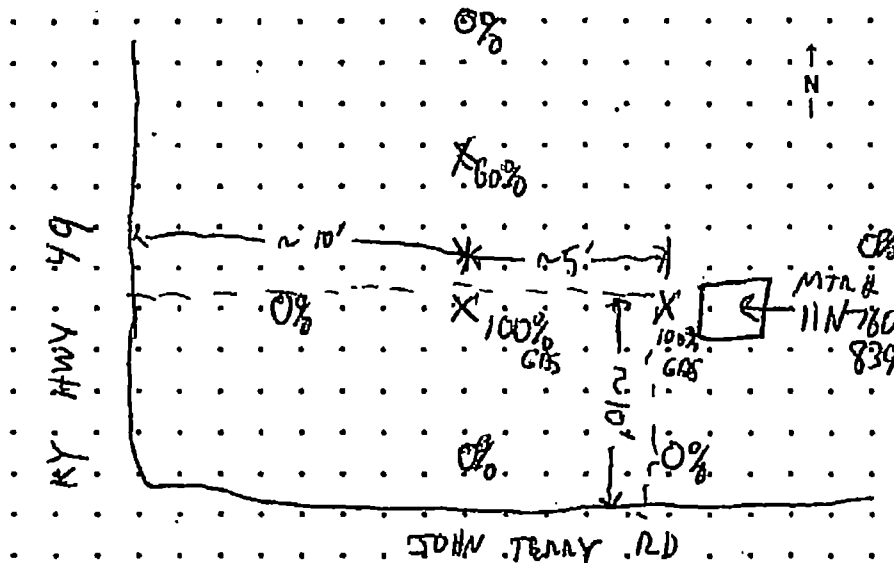
LEAK INDICATION APPEARS TO BE AT:	
Main	<input type="checkbox"/>
Service	<input checked="" type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Meter	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

LEAK INDICATION (Vegetation Only)	
Trass	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Woods	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

COVER	
Concrete	<input type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>



Remarks

100% GAS @ 2 BANDS, ONE ~ 10' FROM  
PAVEMENT EDGE OF KY 49, SECOND ~ 5' AWAY  
@ MTR, BOTH ~ 10' FROM EDGE OF JOHN TERRY RD,  
BANDS IN DIAGRAM ~ 5' APART.

JONATHAN MASARK

Client Representative

Health Consultant



Health Consultants Incorporated  
9030 Monroe Road, Houston, TX 77081

Page No. 3  
Date 8-24-17

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 CITY OF LIBERTY District \_\_\_\_\_  
City LIBERTY State KY  
Nearest Street Address \_\_\_\_\_

LIBERTY, AUTO. PARTS, ???, CAMP, B.B. L.S. VILAGE ST

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)	
Atmosphere	<input type="checkbox"/>
Bar Hole Test	<input type="checkbox"/>
Man Hole	<input type="checkbox"/>
PII (Reg. or Meter)	<input type="checkbox"/>
Valve Box	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Meter Box	<u>RMLO</u> <input checked="" type="checkbox"/>
Underground Fuel Tank	<input type="checkbox"/>
Selected Test	<input type="checkbox"/>

METHOD OF SURVEY	
Vegetation	<input type="checkbox"/>
Portable <del>PH</del> <u>DPH</u>	<input checked="" type="checkbox"/>
Mobilis FI	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other	<u>RMLO</u> <input checked="" type="checkbox"/>

PRESSURE	
High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

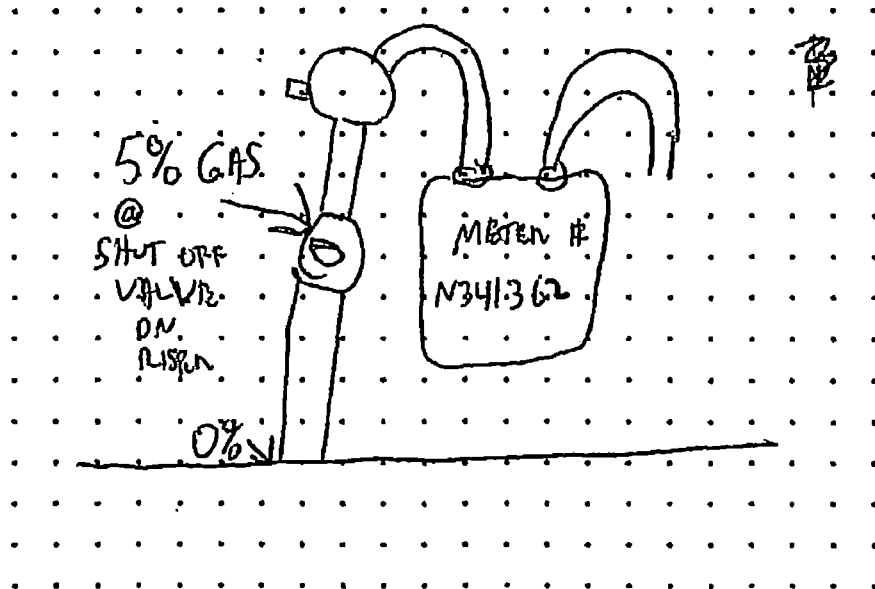
LEAK INDICATION APPEARS TO BE AT:	
Main	<input type="checkbox"/>
Service	<input type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Meter	<input checked="" type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

LEAK INDICATION (Vegetation Only)	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Woods	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

COVER	
Concrete	<input type="checkbox"/>
Asphalt	<input checked="" type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>



Remarks 5% GAS @ SHUT OFF VALVE ON METER  
NO OTHER INDICATION

Client Representative \_\_\_\_\_ JONATHAN MASBACH Health Consultant



Health Consultants Incorporated  
8030 Monroe Road, Houston, TX 77061

Page No. 4  
Date 8-24-17

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 CITY OF LIBERTY District \_\_\_\_\_  
City LIBERTY State KY  
Nearest Street Address \_\_\_\_\_

22 H.V.S.T.D.N.V.I.L.L.B.I.S.T.

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)	
Atmosphere	<input type="checkbox"/>
Bar Hole Test	<input type="checkbox"/>
Man Hole	<input type="checkbox"/>
PI (Reg. or Meter)	<input type="checkbox"/>
Valve Box	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Meter Box	<u>RMLD</u> <input checked="" type="checkbox"/>
Underground Fuel Tank	<input type="checkbox"/>
Selected Test	<input type="checkbox"/>

METHOD OF SURVEY	
Vegetation	<input type="checkbox"/>
Portable FT <u>DPIN</u>	<input checked="" type="checkbox"/>
Mobile FI	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other <u>RMLD</u>	<input checked="" type="checkbox"/>

PRESSURE	
High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

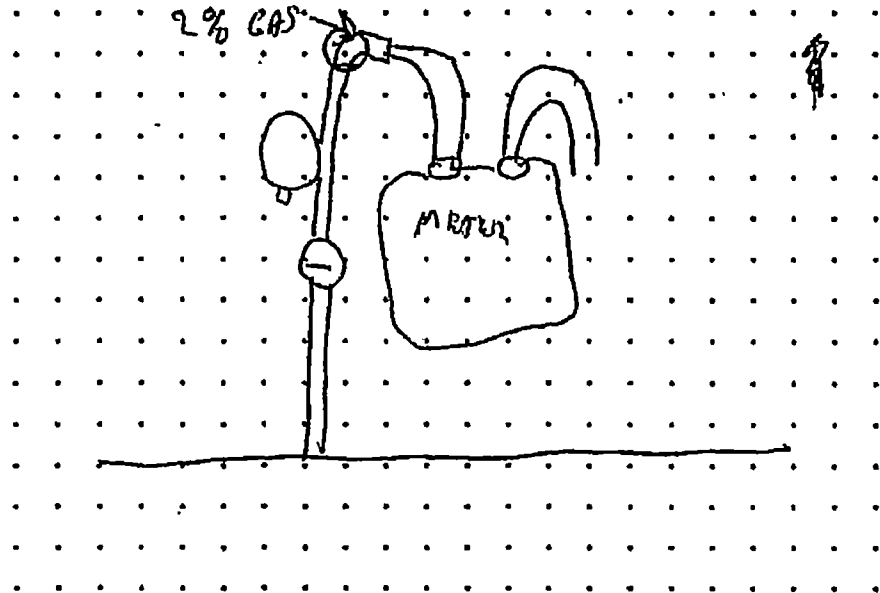
LEAK INDICATION APPEARS TO BE AT:	
Main	<input type="checkbox"/>
Service	<input type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Meter	<input checked="" type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

LEAK INDICATION (Vegetation Only)	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

COVER	
Concrete	<input checked="" type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>



Remarks 2% GAS @ FIRST 90° ELBOW ON METER  
R.P.M.R. METER

Client Representative \_\_\_\_\_ Health Consultant JONATHAN MASHAK



Heath Consultants Incorporated

8030 Monroe Road, Houston, TX 77081

Page No. 5  
Date 8-24-17

Status (Circle Status) Pos Neg.

Leak Indication Classification (Circle Leak Indication)

TIME REPORTED 1 2 3

1 LEAK ONLY

**LEAKAGE CONTROL REPORT  
FIELD SURVEY**

Company CITY OF LIBERTY District \_\_\_\_\_  
City LIBERTY State KY  
Nearest Street Address \_\_\_\_\_

3.3, H.U.S.T.O.N.V.I.L.L.I.B.E.R.T.Y.

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)		
Atmosphere		
Bar Hole Test		
Man Hole		
Pit (Reg. or Meter)		
Valve Box		
Main Valve		
Curb Valve		
Meter Box	<u>RMLD</u>	<input checked="" type="checkbox"/>
Underground Fuel Tank		
Selected Test		

METHOD OF SURVEY	
Vegetation	<input type="checkbox"/>
Portable <u>GA</u>	<input checked="" type="checkbox"/>
Mobile FI	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other	<u>RMLD</u> <input checked="" type="checkbox"/>

PRESSURE	
High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

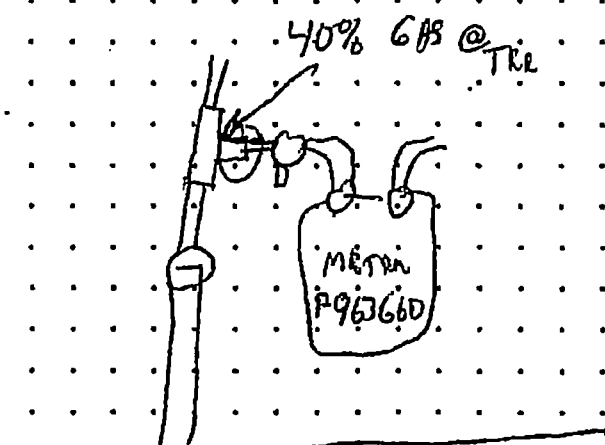
LEAK INDICATION APPEARS TO BE AT:	
Main	<input type="checkbox"/>
Service	<input type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Meter	<input checked="" type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

LEAK INDICATION (Vegetation Only)	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

COVER	
Concrete	<input checked="" type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>



Remarks 40% GAS @ TRR ON METER

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

JONATHAN MASALEK  
Health Consultant

Client Representative



Health Consultants Incorporated  
8030 Monroe Road, Houston, TX 77061

Page No. 6

Date 8-24-17

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 CITY OF LIBERTY District \_\_\_\_\_  
City LIBERTY State KY  
Nearest Street Address \_\_\_\_\_

163 HUSTONVILLE ST

TYPE OF GAS	LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)	METHOD OF SURVEY	LEAK INDICATION APPEARS TO BE AT:
Natural <input checked="" type="checkbox"/>	Atmosphere <u>RAMD</u> <input checked="" type="checkbox"/>	Vegetation	Main <input checked="" type="checkbox"/>
Manuf.	Bar Hole Test	Portable FT / DP/A <input checked="" type="checkbox"/>	Service
LP.	Man Hole <u>RAMD</u> <input checked="" type="checkbox"/>	Mobile FI	Service Tap
Other	Pit (Reg. or Meter)	Bar Hole	Main At Tie In
	Valve Box	Other <u>RAMD</u> <input checked="" type="checkbox"/>	Drip
	Main Valve		Water
	Curb Valve	PRESSURE	Curb Valve
	Meter Box	High	Main Valve
	Underground Fuel Tank	Intermediate <input checked="" type="checkbox"/>	Other
	Selected Test	Low	

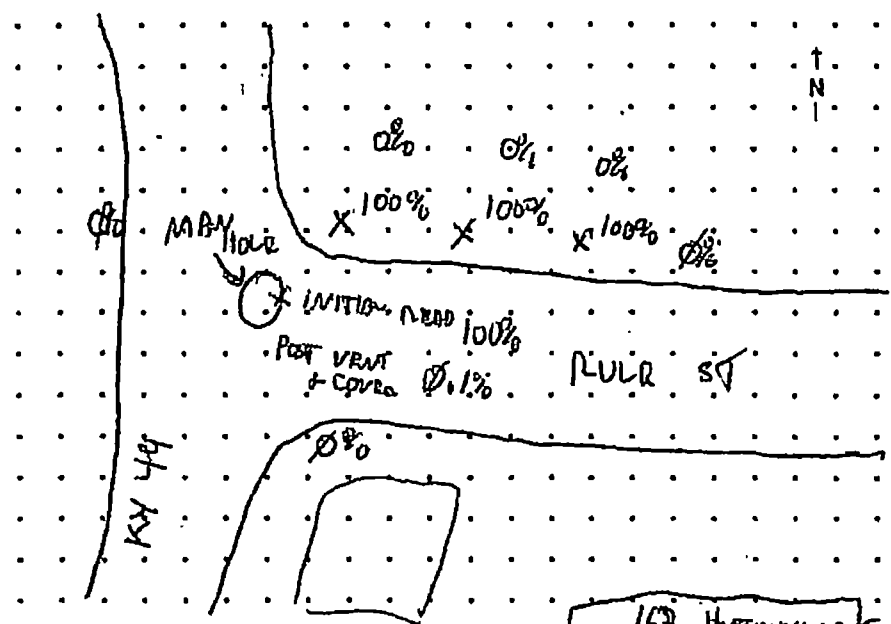
PIPE DESIGNATION
Distribution <input checked="" type="checkbox"/>
Transmission
Gathering
Other

CGI TEST
Positive <input checked="" type="checkbox"/>
Negative

LEAK INDICATION (Vegetation Only)
Trees
Shrubs
Grass
Lawn
Weeds
Odor
Other

LOCATION OF PIPE
Street <input checked="" type="checkbox"/>
Between St. & Sidewalk
Under Sidewalk
Lawn <input checked="" type="checkbox"/>
Basement
R.O.W.
Other

COVER
Concrete
Asphalt <input checked="" type="checkbox"/>
Brick
Gravel <input checked="" type="checkbox"/>
Soil <input checked="" type="checkbox"/>
Other



Remarks  
INITIALLY FOUND 100% GAS IN MANHOLE. AFTER LOCAL CLOW VENTED MANHOLE AND DUG UP SOIL AT EDGE OF ROAD @ OTHER INDICATIONS, WAITED 20 MINUTES, THEN RECOVERED MANHOLE FOR 40 MINUTES, THEN TOOK SAMPLE READING SHOWING 0.1% GAS.

JOURNAN MORGAN  
Health Consultant

Client Representative





Health Consultants Incorporated  
9030 Monroe Road, Houston, TX 77081

Page No. 7

Date 8-25-17

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 CITY OF LIBERTY District \_\_\_\_\_  
City LIBERTY State KY  
Nearest Street Address \_\_\_\_\_

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)		
Atmosphere	<u>RMLD</u>	<input checked="" type="checkbox"/>
Bar Hole Test		<input type="checkbox"/>
Man Hole		<input type="checkbox"/>
PI (Reg. or Meter)		<input type="checkbox"/>
Valve Box		<input type="checkbox"/>
Main Valve		<input type="checkbox"/>
Curb Valve		<input type="checkbox"/>
Meter Box	<u>RMLD</u>	<input checked="" type="checkbox"/>
Underground Fuel Tank		<input type="checkbox"/>
Selected Test		<input type="checkbox"/>

METHOD OF SURVEY	
Vegetation	<input type="checkbox"/>
Portable <del>GT</del> GMI	<input checked="" type="checkbox"/>
Mobile FI	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other	<u>RMLD</u> <input checked="" type="checkbox"/>

PRESSURE	
High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

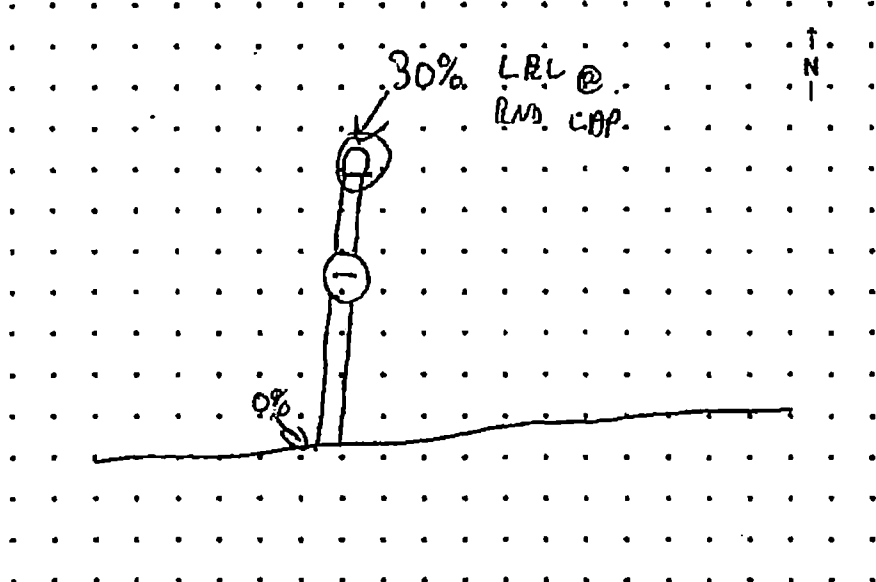
LEAK INDICATION APPEARS TO BE AT:	
Main	<input type="checkbox"/>
Service	<input type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Meter <u>RISK ONLY</u>	<input checked="" type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

LEAK INDICATION (Vegetation Only)	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input checked="" type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

COVER	
Concrete	<input type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>



Remarks 30% LBL @ RMD CAP ON RISER.  
NOTE! NO METER AND SHUT OFF VALVE IN  
OPP POSITION NO OTHER INDICATION.

Client Representative \_\_\_\_\_ JONATHAN MASARAN Health Consultant



Heath Consultants Incorporated  
9930 Monroe Road, Houston, TX 77081

Page No. 8

Date 8-25-17

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 CITY OF LIBERTY District \_\_\_\_\_

City LIBERTY State KY

Nearest Street Address

1.677 MAIN ST

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)		
Atmosphere		
Bar Hole Test		
Man Hole		
PH (Reg. or Meter)		
Valve Box		
Main Valve		
Curb Valve		
Meter Box	<u>RMLB</u>	<input checked="" type="checkbox"/>
Underground Fuel Tank		
Selected Test		

METHOD OF SURVEY		
Vegetation		
Portable FT	<u>CGI</u>	<input checked="" type="checkbox"/>
Mobile FI		
Bar Hole		
Other	<u>RMLB</u>	<input checked="" type="checkbox"/>

PRESSURE		
High		
Intermediate		<input checked="" type="checkbox"/>
Low		

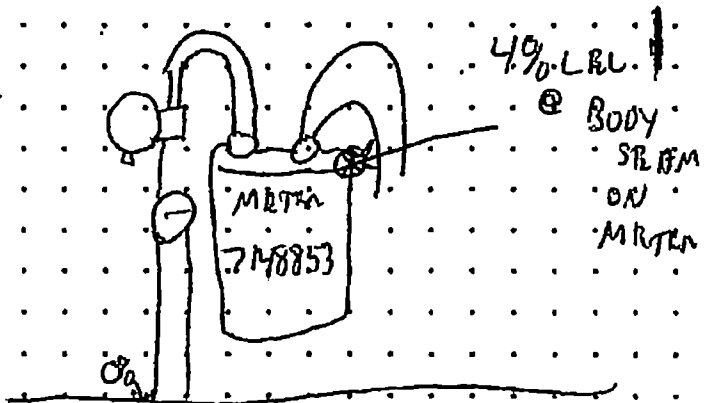
LEAK INDICATION APPEARS TO BE AT:	
Main	<input type="checkbox"/>
Service	<input type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Meter	<input checked="" type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

LEAK INDICATION (Vegetation Only)	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input checked="" type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

COVER	
Concrete	<input type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>



Remarks 4% LEL ON BODY SHAM ON METER  
(ON SIDE TOP EDGE, RIGHT SIDE)  
NO OTHER INDICATION

JONATHAN MASARK  
Health Consultant

Client Representative



Heath Consultants Incorporated  
9050 Monroe Road, Houston, TX 77061

Page No. 9  
Date 8-25-17

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 CITY OF LIBERTY District \_\_\_\_\_  
City LIBERTY State KY  
Nearest Street Address \_\_\_\_\_

521 W.H.I.P.P. AVE.

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)	
Atmosphere	<u>RMLD</u> <input checked="" type="checkbox"/>
Bar Hole Test	<input type="checkbox"/>
Man Hole	<input type="checkbox"/>
Pit (Reg. or Meter)	<input type="checkbox"/>
Valve Box	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Meter Box	<input type="checkbox"/>
Underground Fuel Tank	<input type="checkbox"/>
Selected Test	<input type="checkbox"/>

METHOD OF SURVEY	
Vegetation	<input type="checkbox"/>
Portable <u>CGI</u>	<input checked="" type="checkbox"/>
Mobile F I	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other <u>RMLD</u>	<input checked="" type="checkbox"/>

PRESSURE	
High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

LEAK INDICATION APPEARS TO BE AT:	
Main	<input checked="" type="checkbox"/>
Service	<input type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Meter	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

LEAK INDICATION (Vegetation Only)	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input checked="" type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

COVER	
Concrete	<input type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>

Remarks 4% LEL @ BAR HOLE AT ON AREA MARK BY RUNOFF OPENING, 2% LEL WITHIN 5' OF BUILDING WALL AND 3% LEL WITHIN 10' WITHIN 5' OF #520. AFTER LOCAL CREW DUG UP BY MAIN ONLY OBTAINED READINGS IN WATER RUNOFF OPENING, AFTER 30 MINUTE OF VENTING, NO INDICATION WITHIN 10' OF BUILDING WALLS.

Client Representative \_\_\_\_\_  
Health Consultant JONATHAN MASAREK



Heath Consultants Incorporated  
8030 Monroe Road, Houston, TX 77061

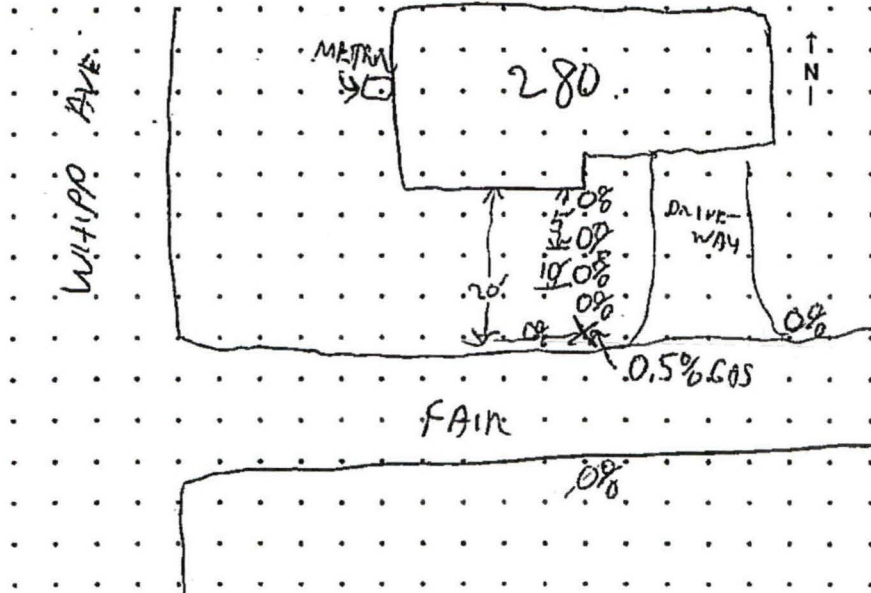
Page No. 10  
Date 8-29-17  
Status (Circle Status) **Pos** Neg.  
Leak Indication Classification (Circle Leak Indication)  
1 **2** 3  
TIME REPORTED \_\_\_\_\_  
1 LEAK ONLY

**LEAKAGE CONTROL REPORT**  
**FIELD SURVEY**

Company CITY OF LIBERTY District \_\_\_\_\_  
City LIBERTY State KY  
Nearest Street Address \_\_\_\_\_

280 FAIR SITE

<b>TYPE OF GAS</b>		<b>LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)</b>		<b>METHOD OF SURVEY</b>		<b>LEAK INDICATION APPEARS TO BE AT:</b>	
Natural	<input checked="" type="checkbox"/>	Atmosphere	<u>RMLD</u> <input checked="" type="checkbox"/>	Vegetation	<input type="checkbox"/>	Main	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>	Bar Hole Test	<input type="checkbox"/>	Portable <del>FI</del> <u>DPIN</u>	<input checked="" type="checkbox"/>	Service	<input type="checkbox"/>
L.P.	<input type="checkbox"/>	Man Hole	<input type="checkbox"/>	Mobile FI	<input type="checkbox"/>	Service Tap	<input type="checkbox"/>
Other	<input type="checkbox"/>	Pit (Reg. or Meter)	<input type="checkbox"/>	Bar Hole	<input type="checkbox"/>	Main At Tie In	<input type="checkbox"/>
<b>PIPE DESIGNATION</b>		Valve Box	<input type="checkbox"/>	Other	<u>RMLD</u> <input checked="" type="checkbox"/>	Drip	<input type="checkbox"/>
Distribution	<input checked="" type="checkbox"/>	Main Valve	<input type="checkbox"/>	<b>PRESSURE</b>		Meter	<input type="checkbox"/>
Transmission	<input type="checkbox"/>	Curb Valve	<input type="checkbox"/>	High	<input type="checkbox"/>	Curb Valve	<input type="checkbox"/>
Gathering	<input type="checkbox"/>	Meter Box	<input type="checkbox"/>	Intermediate	<input checked="" type="checkbox"/>	Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>	Underground Fuel Tank	<input type="checkbox"/>	Low	<input type="checkbox"/>	Other	<input type="checkbox"/>
		Selected Test	<input type="checkbox"/>			<b>CGI TEST</b>	



Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

<b>LEAK INDICATION (Vegetation Only)</b>	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

<b>LOCATION OF PIPE</b>	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input checked="" type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

Remarks 0.5% GAS @ BARHOLE AT OR NEAR MAIN, N 20' FROM BLDG WALL. ZERO SPREAD @ LEFT EDGE OF DRIVEWAY

<b>COVER</b>	
Concrete	<input type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>

Client Representative \_\_\_\_\_ JONATHAN MASANEK Health Consultant



Health Consultants Incorporated  
8030 Meares Road, Houston, TX 77061

Page No. 11  
Date 8-29-27

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 CITY OF LIBERTY District \_\_\_\_\_  
City LIBERTY State KY  
Nearest Street Address \_\_\_\_\_

2277 ADAMS ST

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)	
Atmosphere	<u>NMLN</u> <input checked="" type="checkbox"/>
Bar Hole Test	<input type="checkbox"/>
Man Hole	<input type="checkbox"/>
PR (Reg. or Meter)	<input type="checkbox"/>
Valve Box	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Meter Box	<u>NMLD</u> <input checked="" type="checkbox"/>
Underground Fuel Tank	<input type="checkbox"/>
Selected Test	<input type="checkbox"/>

METHOD OF SURVEY	
Vegetation	<input type="checkbox"/>
Portable Eq.	<u>DP/A</u> <input checked="" type="checkbox"/>
Mobile FI	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other	<u>NMLN</u> <input checked="" type="checkbox"/>

PRESSURE	
High	<input type="checkbox"/>
Intermediates	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

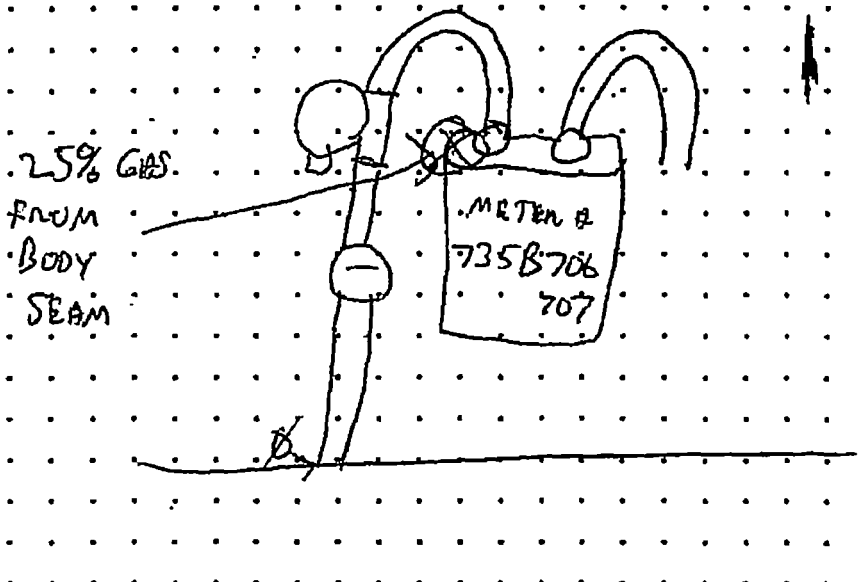
LEAK INDICATION APPEARS TO BE AT:	
Main	<input type="checkbox"/>
Service	<input type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drp	<input type="checkbox"/>
Meter	<input checked="" type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

LEAK INDICATION (Vegetation Only)	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input checked="" type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

COVER	
Concrete	<input type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>



Remarks 25% GAS FROM LEFT SIDE TOP SEAM ON BODY OF METER

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Client Representative \_\_\_\_\_ Health Consultant OWEN MASARAK



Heath Consultants Incorporated  
9030 Monroe Road, Houston, TX 77061

Page No. 12

Date 8-29-17

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 CITY OF LIBERTY District \_\_\_\_\_

City LIBERTY State KY

Nearest Street Address

W.I.L. TRAMMERS ST.

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)	
Atmosphere	<u>RMLD</u> <input checked="" type="checkbox"/>
Bar Hole Test	<input type="checkbox"/>
Man Hole	<input type="checkbox"/>
Pit (Reg. or Meter)	<input type="checkbox"/>
Valve Box	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Meter Box	<u>RMLD</u> <input checked="" type="checkbox"/>
Underground Fuel Tank	<input type="checkbox"/>
Selected Test	<input type="checkbox"/>

METHOD OF SURVEY	
Vegetation	<input type="checkbox"/>
Portable Gas DPIN	<input checked="" type="checkbox"/>
Mobile FI	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other	<u>RMLD</u> <input checked="" type="checkbox"/>

PRESSURE	
High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

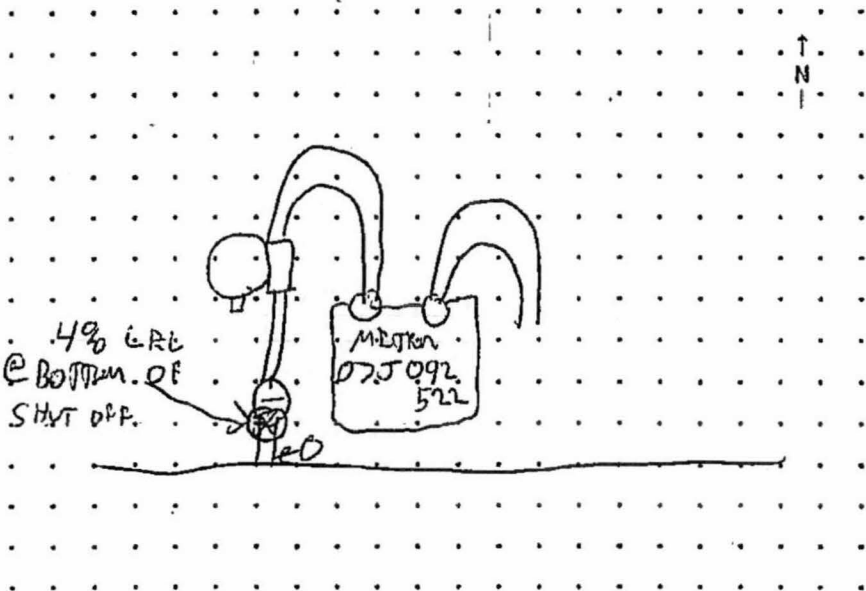
LEAK INDICATION APPEARS TO BE AT:	
Main	<input type="checkbox"/>
Service	<input checked="" type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Motor	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

LEAK INDICATION (Vegetation Only)	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input checked="" type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

COVER	
Concrete	<input type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>



Remarks 4% LRL @ BOTTOM OF SHUT OFF VALVE  
ON MISC. NO OTHER INDICATION

Client Representative \_\_\_\_\_ JONATHAN MASAREK Health Consultant



Health Consultants Incorporated  
9030 Monroe Road, Houston, TX 77061

Page No. 13  
Date 8-29-17

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 CITY OF LIBERTY District \_\_\_\_\_  
City LIBERTY State KY  
Nearest Street Address \_\_\_\_\_

578 WHIPP AVE

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)	
Atmosphere	<u>RMD</u> <input checked="" type="checkbox"/>
Bar Hole Test	<input type="checkbox"/>
Man Hole	<input type="checkbox"/>
PI (Reg. or Meter)	<input type="checkbox"/>
Valve Box	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Meter Box	<u>RMD</u> <input checked="" type="checkbox"/>
Underground Fuel Tank	<input type="checkbox"/>
Selected Test	<input type="checkbox"/>

METHOD OF SURVEY	
Vegetation	<input type="checkbox"/>
Portable <del>GC</del> <u>DPM</u>	<input checked="" type="checkbox"/>
Mobile FI	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other	<u>RMD</u> <input checked="" type="checkbox"/>

PRESSURE	
High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

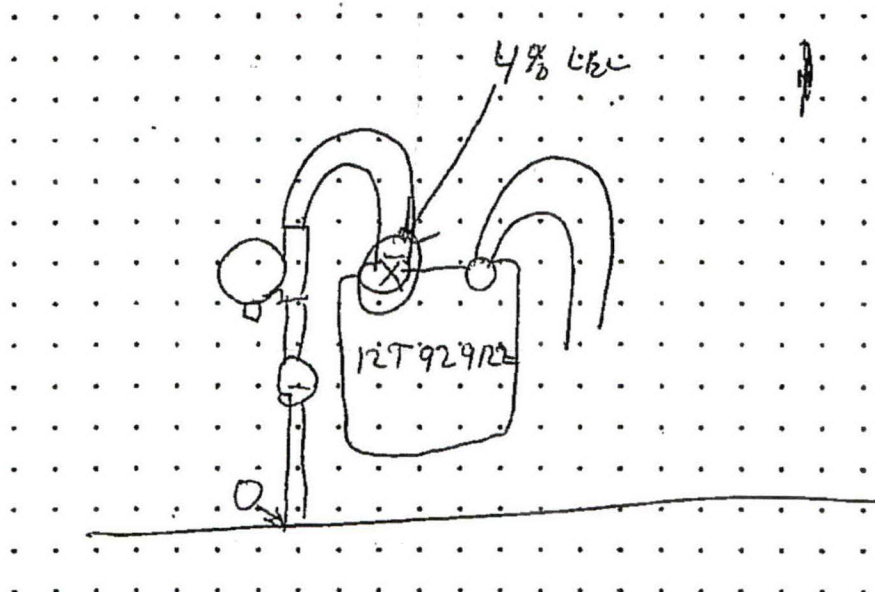
LEAK INDICATION APPEARS TO BE AT:	
Main	<input type="checkbox"/>
Service	<input type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Meter	<input checked="" type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

LEAK INDICATION (Vegetation Only)	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

COVER	
Concrete	<input type="checkbox"/>
Asphalt	<input type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>



Remarks 4% LEL @ INLET SWIVEL ON  
METER. NO OTHER INDICATION

Client Representative

JONATHAN MASAREK  
Health Consultant



Heath Consultants Incorporated  
8030 Monroe Road, Houston, TX 77061

Page No. 14

Date 8-29-17

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 CITY OF District \_\_\_\_\_  
City LIBERTY State KY  
Nearest Street Address \_\_\_\_\_

TYPE OF GAS	
Natural	<input checked="" type="checkbox"/>
Manuf.	<input type="checkbox"/>
L.P.	<input type="checkbox"/>
Other	<input type="checkbox"/>

PIPE DESIGNATION	
Distribution	<input checked="" type="checkbox"/>
Transmission	<input type="checkbox"/>
Gathering	<input type="checkbox"/>
Other	<input type="checkbox"/>

LEAK INDICATION FIRST DETECTED (AT) (IN) (BY)	
Atmosphere	<u>RMLD</u> <input checked="" type="checkbox"/>
Bar Hole Test	<input type="checkbox"/>
Man Hole	<input type="checkbox"/>
FR (Reg. or Meter)	<input type="checkbox"/>
Valve Box	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Motor Box	<input type="checkbox"/>
Underground Fuel Tank	<input type="checkbox"/>
Selected Test	<input type="checkbox"/>

METHOD OF SURVEY	
Vegetation	<input type="checkbox"/>
Portable <del>FR</del> DP1A	<input checked="" type="checkbox"/>
Mobile FI	<input type="checkbox"/>
Bar Hole	<input type="checkbox"/>
Other	<u>RMLD</u> <input checked="" type="checkbox"/>

PRESSURE	
High	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Low	<input type="checkbox"/>

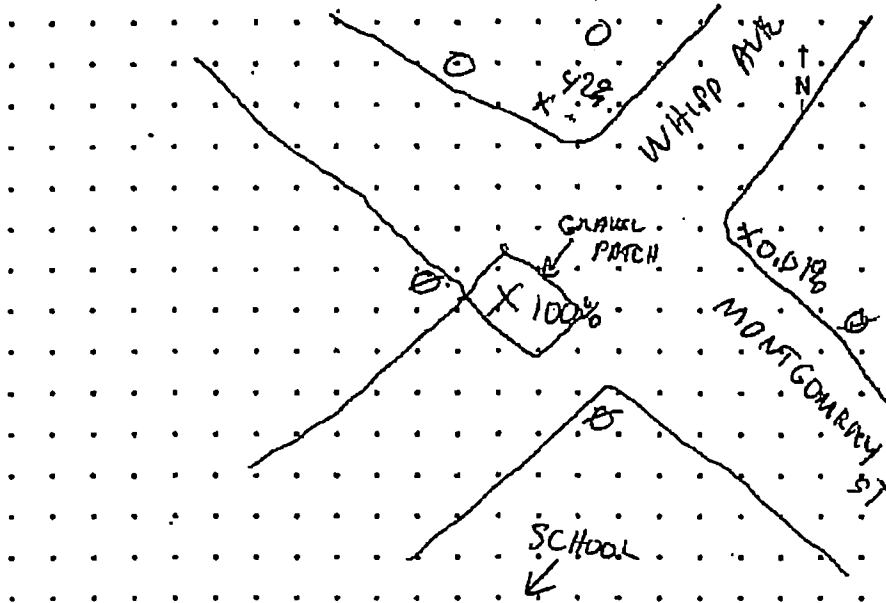
LEAK INDICATION APPEARS TO BE AT:	
Main	<input checked="" type="checkbox"/>
Service	<input type="checkbox"/>
Service Tap	<input type="checkbox"/>
Main At Tie In	<input type="checkbox"/>
Drip	<input type="checkbox"/>
Motor	<input type="checkbox"/>
Curb Valve	<input type="checkbox"/>
Main Valve	<input type="checkbox"/>
Other	<input type="checkbox"/>

CGI TEST	
Positive	<input checked="" type="checkbox"/>
Negative	<input type="checkbox"/>

LEAK INDICATION (Vegetation Only)	
Trees	<input type="checkbox"/>
Shrubs	<input type="checkbox"/>
Grass	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Weeds	<input type="checkbox"/>
Odor	<input type="checkbox"/>
Other	<input type="checkbox"/>

LOCATION OF PIPE	
Street	<input checked="" type="checkbox"/>
Between St. & Sidewalk	<input type="checkbox"/>
Under Sidewalk	<input type="checkbox"/>
Lawn	<input type="checkbox"/>
Easement	<input type="checkbox"/>
R.O.W.	<input type="checkbox"/>
Other	<input type="checkbox"/>

COVER	
Concrete	<input checked="" type="checkbox"/>
Asphalt	<input checked="" type="checkbox"/>
Brick	<input type="checkbox"/>
Gravel	<input type="checkbox"/>
Soil	<input type="checkbox"/>
Other	<input type="checkbox"/>



Remarks 100% GAS @ BANOLA @ OR NEAR MAIN  
SPRINK ACCROSS STREET TO 42% GAS @ BANOLA  
@ N CORNER OF INTERSECTION; AND  
0.01% @ BANOLA @ E CORNER OF INTERSECTION.  
NO OTHER INDICATION.