

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

CITY OF DRAKESBORO D/B/A DRAKESBORO )  
NATURAL GAS COMPANY - ELECTRONIC )  
INVESTIGATION OF ALLEGED FAILURE TO ) CASE NO. 2019-00065  
COMPLY WITH KRS 278.495, 807 KAR 5:027, )  
AND 49 C.F.R. PART 192 )

NOTICE OF FILING

Notice is given to all parties that the following materials have been filed into the record of this proceeding:

- The digital video recording of the evidentiary hearing conducted on March 8, 2019 in this proceeding;
- Certification of the accuracy and correctness of the digital video recording;
- All exhibits introduced at the evidentiary hearing conducted on March 8, 2019 in this proceeding;
- A written log listing, *inter alia*, the date and time of where each witness' testimony begins and ends on the digital video recording of the evidentiary hearing conducted on March 8, 2019.

A copy of this Notice, the certification of the digital video record, hearing log, and exhibits have been served upon all persons listed at the end of this Notice. Parties desiring to view the digital video recording of the hearing may do so at [http://psc.ky.gov/av\\_broadcast/2019-00065/2019-00065\\_08Mar19\\_Inter.aspx](http://psc.ky.gov/av_broadcast/2019-00065/2019-00065_08Mar19_Inter.aspx).

Parties wishing an annotated digital video recording may submit a written request by electronic mail to [pscfilings@ky.gov](mailto:pscfilings@ky.gov). A minimal fee will be assessed for a copy of this recording.

Done at Frankfort, Kentucky, this 22<sup>nd</sup> day of October 2019.

A handwritten signature in cursive script that reads "Gwen R. Pinson".

---

Gwen R. Pinson  
Executive Director  
Public Service Commission of Kentucky

Drakesboro Natural Gas Co.  
212 Mose Rager Boulevard  
P. O. Box 129  
Drakesboro, KY 42337

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P. O. Box 129  
Drakesboro, KY 42337

Ryan Driskill  
Attorney  
Yonts, Sherman & Driskill, P.S.C.  
P.O. Box 370  
Greenville, KENTUCKY 42345

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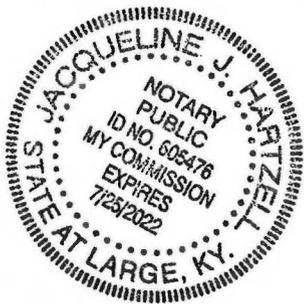
CASE NO.  
2019-00065

CERTIFICATION

I, Candace H. Sacre, hereby certify that:

1. The attached DVD contains a digital recording of the Formal Hearing conducted in the above-styled proceeding on March 8, 2019. The Formal Hearing Log, Exhibit List, Exhibits, and Witness List are included with the recording on March 8, 2019;
2. I am responsible for the preparation of the digital recording;
3. The digital recording accurately and correctly depicts the Formal Hearing of March 8, 2019; and
4. The Formal Hearing Log attached to this Certificate accurately and correctly states the events that occurred at the Formal Hearing of March 8, 2019, and the time at which each occurred.

Signed this 21<sup>st</sup> day of October, 2019.



Candace H. Sacre  
Administrative Specialist III

Jacqueline Hartzell, Notary Public  
State at Large  
Commission Expires: July 25, 2022  
ID#: 605476

<b>Date:</b>	<b>Type:</b>	<b>Location:</b>	<b>Department:</b>
3/8/2019	Public Hearing\Public Comments	Hearing Room 2	Hearing Room 1 (HR 1)

Judge: Talina Mathews; Michael Schmitt  
 Witness: Eddie Brake; Josh Duvall; Melissa Holbrook; Mike Jones; Shawn Martin; Jeanetta Piper-Turner; Jordan Shaw  
 Clerk: KaBrenda Warfield

<b>Event Time</b>	<b>Log Event</b>	
8:27:52 AM	Session Started	
8:27:55 AM	Session Paused	
9:53:58 AM	Session Resumed	
9:53:59 AM	Chairman Schmitt Note: Fields, Angela	Chairman stating preliminary remarks and introducing Commissioner Mathews.
9:54:15 AM	Chairman Schmitt Note: Fields, Angela	This hearing is being conducted in Case No. 2019-0065, City of Drakesboro d/b/a Drakesboro Natural Gas Company, Electronic Investigation of Alleged Failure to Comply with KRS 278.495, 807 KAR 5:027, and 49 C.F.R. Part 192.
9:54:54 AM	Chairman Schmitt Note: Fields, Angela	Would Counsel for Drakesboro please identify himself along with his client?
9:54:59 AM	Atty Ryan Driskill Drakesboro Note: Warfield, Kabrenda	Yes, sir, my name is Ryan Driskill. I've entered my appearance, and this is the Mayor, Mr. Mike Jones.
9:55:10 AM	Chairman Schmitt Note: Fields, Angela	And for Commission Staff?
9:55:12 AM	Staff Atty John Park PSC Note: Warfield, Kabrenda	Good morning, Chairman, Commissioner. My name is John Park, attorney for Commission Staff. To my left is Melissa Holbrook, Inspector, and to my right is James Rice, who is head of our Gas Safety Branch.
9:55:24 AM	Chairman Schmitt Note: Fields, Angela	Thank you. I guess this hearing and proceeding is a result of, as I understand it, maybe two things. (Click on the link for further comments.)
9:57:30 AM	Chairman Schmitt Note: Fields, Angela	First, Mr. Driskill, we have your motion. (Click on link for further procedural comments.)
9:58:04 AM	Chairman Schmitt Note: Fields, Angela	How much time do you think that you would reasonably need to get up to speed, file a response, and then be prepared ultimately to address the issue in a formal hearing?
9:59:06 AM	Chairman Schmitt Note: Fields, Angela	Let me make a suggestion and see if it is reasonable. (Click on link for further comments.)
9:59:24 AM	Chairman Schmitt Note: Fields, Angela	That ought to give you three months. (Click on link for further comments.)

9:59:38 AM	Chairman Schmitt Note: Fields, Angela	We'll see. You never know how it may ultimately work out. (Click on link for further comments.)
10:00:11 AM	Attorney Driskill Drakesboro Note: Fields, Angela	Objection, Your Honor, one minor objection to today's hearing. I guess the question is, are you ready for today's hearing? We were going to have RussMar testify, and I think Mr. Park had wanted him to testify, and I am not sure that RussMar's representative is here.
10:00:29 AM	Mr. Shawn Martin RussMar Note: Warfield, Kabrenda	We're here.
10:00:35 AM	Chairman Schmitt Note: Warfield, Kabrenda	It looks like we're ready to go then.
10:00:38 AM	Chairman Schmitt Note: Fields, Angela	Mr. Park, do you have any problem with June 19th and 20th?
10:00:50 AM	Staff Attorney Park PSC Note: Warfield, Kabrenda	I do not. I don't think we do, Your Honor. If a situation comes up where we feel the need to do something before then, we certainly will.
10:01:00 AM	Chairman Schmitt Note: Fields, Angela	I guess, Mr. Park, we usually don't do opening statements or closing arguments or anything. We just put on some evidence. But for the purposes of beginning this proceeding today on the potential for the condition of the gas system being an imminent danger, I would like for you to address in a three- or four-minute outline statement what you intend to try to prove today and what witnesses that you have to put on.
10:01:37 AM	Staff Attorney Park PSC Note: Warfield, Kabrenda	Yes, Mr. Chairman, we first intend to offer Inspector Melissa Holbrook to testify regarding her investigation of the system and the condition that she found it it, as well as her most immediate concerns about the continued day-to-day operations of the system. (Click on link for further comments.)
10:02:34 AM	Chairman Schmitt Note: Fields, Angela	I'll offer you the opportunity, Mr. Driskill, to say anything that you like at this time.
10:02:41 AM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	Judge, I think that we'll use the same witnesses that they've called as those accurately reflect the evidence, I think, that's going to be presented, so we'll just see where it goes.
10:02:50 AM	Chairman Schmitt Note: Fields, Angela	Okay. Thank you. Mr. Park, I guess the burden is on you at this point. Would you, please, call your first witness?
10:03:05 AM	Atty Driskill Drakesboro Note: Fields, Angela	Judge, I would just move to separate the witnesses, please.
10:03:09 AM	Chairman Schmitt Note: Fields, Angela	We've got a Motion to invoke the rule or separate witnesses. The people who have been identified, let me call their names. (Click on link for further comments.)
10:04:11 AM	Chairman Schmitt Note: Fields, Angela	The reason for this is that Mr. Driskill has asked that witnesses not be able to hear what the other witness says.
10:04:20 AM	Chairman Schmitt Note: Fields, Angela	We'll have to take care of Mr. Martin in just a second.
10:04:29 AM	Atty Driskill Drakesboro Note: Fields, Angela	I'll just designate my representative as Mr. Jones.

10:04:46 AM	Chairman Schmitt Note: Fields, Angela	Okay, Mr. Lyons, we have Mr. Martin who is, I guess, from RussMar. (Click on link for further comments.)
10:05:08 AM	Chairman Schmitt Note: Fields, Angela	Is everybody satisfied that all of the witnesses are separated?
10:05:16 AM	Chairman Schmitt - witness Holbrook Note: Fields, Angela	Witness is sworn.
10:05:27 AM	Chairman Schmitt Note: Fields, Angela	Mr. Park, you may ask.
10:05:29 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Direct Examination. Please state your name for the record.
10:05:32 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	What is your current employment?
10:05:37 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	What is your business address?
10:05:44 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	How long have you been employed by the Commission?
10:05:50 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	What is your current job position?
10:05:57 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	How long have you been a Gas Safety Inspector?
10:06:04 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Have you received training and certification from the Federal Pipeline and Hazardous Materials Safety Administration as a lead inspector?
10:06:15 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Is it correct that you were scheduled to conduct a standard periodic inspection of the Drakesboro gas system in the spring of this year?
10:06:33 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	And that inspection was moved up based on information you received?
10:06:42 AM	Chairman Schmitt Note: Fields, Angela	Mr. Park, wait.
10:06:45 AM	Commissioner Mathews Note: Warfield, Kabrenda	We've gotten a note that you're not being heard, so if you would pull the mike toward you.
10:07:01 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	What are the circumstances that caused us to want to move up the inspection?
10:07:44 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	And who is Eddie Brake?
10:07:56 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	What is the function of a regulator station?
10:08:02 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	It's a critical piece?
10:08:05 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	And after your discussion, did you meet with the Mayor in Drakesboro on February 7th?
10:08:14 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	During your visit on February 7th, what caused you to be concerned about the safe operation of the system?
10:09:25 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Did you have occasion to speak with Mr. Jordon Shaw?

10:10:00 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	And did you ask him specifically about his training?
10:11:14 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	On a temporary emergency basis?
10:11:53 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	During your visit on February 7th, did you have concerns that perhaps personnel who were not operator qualified were performing task?
10:12:03 AM	Atty Driskill Drakesboro Note: Fields, Angela	I know there is some background information that is necessary. (Click on link for further comments.)
10:12:48 AM	Chairman Schmitt Note: Fields, Angela	I'm going to overrule it. (Click on link for further comments.)
10:13:29 AM	Chairman Schmitt Note: Fields, Angela	You may proceed, Ms. Holbrook, or you may reask your question.
10:13:33 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Did you have concern that personnel who were not operator qualified were performing a covered task on that day?
10:14:14 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Your Honor, may I approach?
10:14:19 AM	Chairman Schmitt Note: Warfield, Kabrenda	Yes, you may.
10:14:58 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Are you familiar with this document?
10:15:00 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	What was the source of this document?
10:15:41 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Pardon me. To interrupt, that's the 2017?
10:16:02 AM	Chairman Schmitt Note: Fields, Angela	Said what now?
10:16:06 AM	Chairman Schmitt Note: Fields, Angela	You said the prisoner did the leak survey?
10:16:16 AM	Chairman Schmitt Note: Fields, Angela	Blake Biscomb is supposed to be the prisoner who was the witness?
10:16:22 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Is it your understanding that after your meeting that Vanguard Services was hired by the City and brought in on a temporary basis?
10:16:59 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Were you in contact with a representative of Vanguard about the work on the system and the assement and the condition of the system?
10:17:30 AM	Atty Driskill Drakesboro Note: Fields, Angela	I don't know who Jeanetta Piper is, and she is not here as a witness.
10:17:36 AM	Chairman Schmitt Note: Fields, Angela	Who is Ms. Piper?
10:17:42 AM	Chairman Schmitt Note: Fields, Angela	She's sitting here in the courtroom.
10:17:50 AM	Chairman Schmitt Note: Fields, Angela	Will you expect this lady to testify?
10:17:57 AM	Chairman Schmitt Note: Fields, Angela	I'm going to overrule the objection. You can ask your question.
10:19:50 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	As far as the odorant why is it so important that a system be properly odorized?

10:20:06 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	What did Vanguard report to you occurred after the odorant was added to the system?
10:20:39 AM	Atty Driskill Drakesboro Note: Fields, Angela	I just want to renew my objection. (Click on link for further comments.)
10:21:22 AM	Chairman Schmitt Note: Fields, Angela	We'll have other evidence, and this is an administrative hearing (Click on link for further comments.)
10:22:41 AM	Chairman Schmitt Note: Fields, Angela	Go on, Ms. Holbrook.
10:22:42 AM	Chairman Schmitt Note: Fields, Angela	Who is Jeanetta? Is she related to somebody? Why is she involved in the case?
10:24:00 AM	Chairman Schmitt Note: Fields, Angela	I understand now. Go ahead, Mr. Park.
10:24:07 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	So did you return and conduct a full standard inspection of the city's gas system?
10:24:24 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Have you reviewed the Initiating Order in this case?
10:24:28 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	The order that opened the case?
10:24:31 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Do you have a copy of that with you?
10:24:35 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Your Honor, may I provide the witness with a copy of the Order?
10:24:55 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	And at the end of the Order is a Staff Inspection Report. Is that the report you prepared following your full standard inspection of the system?
10:25:03 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	The report list 35 violations and has been discussed. We are not going to go through them here today. I just want to focus on, I think, from the Staff's perspective what is most concerning as far as tomorrow, Sunday, Monday, Tuesday, Wednesday, what's immediately in front of us, and so I am going to ask you to speak to the lack of qualified operating personnel.
10:26:06 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	In your opinion, is taking a course and passing a test sufficient to qualify somebody to handle emergencies?
10:26:53 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Based upon your investigation and your understanding of the training that Mr. Shaw and Mr. Sims have received and the experience they have, in your opinion, do Mr. Shaw and Mr. Sims currently have the knowledge and skills that are required to respond to gas leak reports?
10:27:59 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Is every type of leak handled in the same way?
10:28:37 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	So there is separate procedures and task you have to perform to address that emergency?

10:28:50 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	Is it your recommendation until the City employees gain the requisite skills, knowledge, and training and experience that there be a qualified third-party operator on site or within a very close proximity to handle emergencies such as leak repairs?
10:29:09 AM	Staff Atty Park PSC - witness Holbrook Note: Fields, Angela	I have no further questions.
10:29:12 AM	Chairman Schmitt Note: Fields, Angela	Cross examination?
10:29:40 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	Cross Examination. When did that contact first happen?
10:30:06 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	But he initiated this contact, is that correct?
10:30:10 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	When he initiated contact, he indicated to you that he or the City needed help with this situation, is that correct?
10:30:19 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	It is fair to say that this moved up schedule for inspection was actually at the request of the City correct?
10:31:10 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	Is it far to say that the problems that you encountered were the result of Mr. Jones reaching out to you?
10:31:31 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	The first time, was that February the 8th to Drakesboro with Mr. Jones?
10:31:45 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	But on the 7th what recommendations did you make to Mr. Jones?
10:32:19 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	You said that Atmos was called. Who called Atmos to your knowledge?
10:32:40 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	So you asked him to call Atmos, that's fair to say, right?
10:32:43 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	And he did that, right?
10:32:44 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	I guess there was something that was insufficient about Atmos?
10:33:01 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	What was the purpose of you asking him to call Atmos?
10:33:12 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	But what was the purpose?
10:33:18 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	So after you recommended Atmos and he called, then you recommended a different contractor?
10:33:29 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	That third party was Vangaurd is that correct?
10:33:51 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	RussMar, at the time, were they not involved with the operation or the administration of this natural gas system?
10:33:59 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	Did Mr. Jones comply and call a third-party contractor?
10:34:21 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	So you're telling me, as we stand here today, you don't know whether Vanguard was ever working on the system?
10:34:42 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	And that meeting was on what day?

10:34:50 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela So, by the next day, Mr. Jones had gotten Vanguard to come in to comply with your request, correct?

10:34:58 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela After February the 8th, I think you said that you wanted to do a inspection, and you did that in a couple of weeks, is that correct?

10:35:11 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela As a result of that inspection, did you make any request of Mr. Jones or any other person on the council?

10:35:50 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela What day was this?

10:36:27 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela But, at that time, was it your understanding that Vanguard was still operating at the site?

10:36:44 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Did you have any reason to doubt that?

10:36:47 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Aside from the recommendations that you made on the 7th and then again on the 21st, were there any other recommendations or requests that you made to Mr. Jones with respect to the natural gas system?

10:38:01 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Did you recommend Vanguard to Mr. Jones?

10:38:06 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela What were the other contractors that you recommended?

10:38:37 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Since the 21st, have you been to Drakesboro?

10:38:49 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Have you had any other personal knowledge that you have received since the 21st?

10:38:59 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela So is it fair to say that you don't have any knowledge as to whether there has been odorant added to the system?

10:39:59 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Are you aware of an individual named Robert Lindsay?

10:40:07 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Do you have any knowledge of his qualifications?

10:40:30 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela And he was hired by Vanguard, is that correct?

10:41:17 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela So you talked about some of the tests and the courses that some of the Drakesboro employees were undergoing. Do those have any benefit or value?

10:41:31 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela And you are familiar with those tests and courses?

10:41:44 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela So you are not familiar with the standards that are necessary to be OQ?

10:41:59 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Is it your understanding that the OQ testing that that is supposed to prepare somebody to be qualified to do the work?

10:42:08 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela I'm going to show you a document. You can take a look at that, and identify that if you can?

10:42:25 AM Chairnan Schmitt  
Note: Fields, Angela Mr. Driskill, do you have a copy that we could look at?

10:42:50 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Are you familiar with the classes on that sheet?

10:43:26 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Can you identify what knowledge that those transcripts reflect?

10:43:38 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Can you just identify some of the ones that they passed?

10:44:02 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Why don't you take a look and see if there are any on there that strike you as important to this job?

10:44:08 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela I'm just going to ask you, collectively, does this document show quite a few tasks that are important to the job of operating a natural gas system?

10:44:51 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela So you can't just look at this and tell me if those courses/transcripts reflect knowledge on important job duties with respect to running a natural gas system?

10:45:19 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela But that wasn't my question. My question is just limited to does that transcript reflect many different areas of knowledge that would be necessary to run or operate or do work on a natural gas system?

10:45:42 AM Staff Atty Park PSC  
Note: Fields, Angela I'm going to object because there has been no foundation laid for this record. (Click on link for further comments.)

10:45:59 AM Chairman Schmitt  
Note: Fields, Angela Overruled. (Click on the link for further comments.)

10:46:20 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela For purposes of rebuttal of her testimony, I would just ask that she review them.

10:47:03 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Based on your review of that, does it appear that they have passed almost all of them?

10:47:19 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Can you summarize some of the areas of knowledge that are covered by that?

10:47:34 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela I'm not asking whether they got experience or anything like that. I am just asking, what are some of the areas of knowledge that this covers?

10:49:14 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela And I'm assuming that all the ones you have read so far are the ones they passed, correct?

10:49:35 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela I asked you to summarize it, or you can read it, I don't care which. (Click on link for further comments.)

10:49:58 AM Commissioner Mathews  
Note: Fields, Angela I'm going to remind you. (Click on link for further comments.)

10:50:28 AM Atty Driskill Drakesboro - witness Holbrook  
Note: Fields, Angela Ms. Holbrook, I am just going to ask, these steps that Mr. Shaw and Mr. Sims took, are those important to getting the qualifications they need to work on the system?

10:50:42 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	So you would consider it a positive step that they have taken these courses and passed them?
10:50:46 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	Is there any request that you have made to Mr. Jones that he did not comply with that you are aware of in this situation?
10:51:12 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	Did you have a problem with another contractor substituting in place of Vanguard?
10:51:46 AM	Atty Driskill Drakesboro - witness Holbrook Note: Fields, Angela	Those are all of my questions for this witness.
10:51:50 AM	Chairman Schmitt Note: Fields, Angela	Commissioner Mathews, any questions?
10:51:53 AM	Chairman Schmitt - witness Holbrook Note: Warfield, Kabrenda	Examination, One question I had, the O&M usually provides time periods in which leak survey must be performed, is that correct?
10:52:57 AM	Chairman Schmitt - witness Holbrook Note: Warfield, Kabrenda	Did you see whether or not there had been a leak survey in the business district during calendar year 2018?
10:53:35 AM	Staff Atty Park PSC Note: Warfield, Kabrenda	It should be the second page of Staff Exhibit 1.
10:54:13 AM	Chairman Schmitt - witness Holbrook Note: Warfield, Kabrenda	I ask because I didn't see an '18, so I missed it. I thought it was the first page.
10:54:26 AM	Chairman Schmitt - witness Holbrook Note: Warfield, Kabrenda	But it had the same witness, correct?
10:54:41 AM	Chairman Schmitt Note: Warfield, Kabrenda	I don't know that you asked, but let's put this in the record as Exhibit 1.
10:54:50 AM	PSC EXHIBIT 1. Note: Warfield, Kabrenda Note: Warfield, Kabrenda	CHAIRMAN SCHMITT - WITNESS HOLBROOK. CITY OF DRAKESBORO 2017 AND 2018 LEAK SURVEY.
10:54:55 AM	Chairman Schmitt - witness Holbrook Note: Warfield, Kabrenda	The only other question I have, so far as qualifying for an inspector at the Public Service Commission, what must you do in order to be qualified?
10:55:35 AM	Chairman Schmitt - witness Holbrook Note: Warfield, Kabrenda	How many weeks does that involve?
10:55:49 AM	Chairman Schmitt - witness Holbrook Note: Warfield, Kabrenda	And then who tests you as an inspector?
10:56:01 AM	Chairman Schmitt - witness Holbrook Note: Warfield, Kabrenda	And the are you certified by the federal government to be an inspector?
10:56:05 AM	Chairman Schmitt Note: Warfield, Kabrenda	Nothing else. Do you have any redirect?
10:56:07 AM	Staff Atty Park PSC Note: Warfield, Kabrenda	Yes, Your Honor, just very briefly.
10:56:11 AM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	Redirect Examination. Regarding the document that showed the transcripts of the training courses, it's your understanding that passing one of those courses does not constitute the prerequisite skills; it just pertains to knowledge alone?
10:56:24 AM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	Based upon the passing of courses alone, you could not determine that somebody was competent to handle gas emergencies?

10:56:33 AM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	And you did read the courses that were not passed. Do you recall if any of those pertained to situations or tasks that could come up in response to leak repairs?
10:57:02 AM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	One more question, on the leak survey record which is Exhibit 1, the first page pertains to 2017, and the second page to 2018. I just want to be certain, did Mr. Shaw say he wasn't employed for both of those years or one of those years?
10:57:39 AM	Staff Atty Park PSC Note: Warfield, Kabrenda	No further questions.
10:57:40 AM	Chairman Schmitt Note: Warfield, Kabrenda	You may step down. Call your next witness.
10:57:44 AM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	Your Honor, Staff would like to call Ms. Duvall of Vanguard.
10:58:40 AM	Chairman Schmitt Note: Warfield, Kabrenda	Witness is sworn.
10:58:47 AM	Chairman Schmitt Note: Warfield, Kabrenda	Please be seated. Mr. Park, you may ask the witness.
10:58:51 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	Direct Examination. Could you please state your name for the record?
10:58:56 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	And what is your connection with Vanguard?
10:59:02 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	And what is the official name of Vanguard?
10:59:11 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	And what is the business address for Vanguard?
10:59:23 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	When were you contacted about the situation with Drakesboro Gas System?
10:59:34 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	And did you reach an agreement to come on and provide services for Drakesboro?
10:59:41 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	And when did you get on the scene at Drakesboro, on site?
10:59:59 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	On February 8th?
11:00:05 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	And was there a contract or just an understanding or what was the basis that Vanguard was providing services to the City?
11:00:20 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	Was that for a period of time?
11:00:24 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	To be determined, okay.
11:00:26 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	But no written contract?
11:00:30 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	Has the City paid Vanguard for its services?
11:00:51 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	When you first came on the scene or on site at Drakesboro on February 8th, what were the first steps you did?
11:01:52 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	And that was on the evening of February 8th?

11:01:55 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	And what occurred after odorant was added to the system?
11:02:16 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	How do you determine whether there is sufficient odorant in the pipe system?
11:02:43 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	And were those employees of Vanguard or the City or were you all working together at that time?
11:02:52 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	How long were you on site? You came on February 8, and we know you left a week last Friday. Were you on site that whole period?
11:03:10 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	Every day, somebody was on site?
11:03:14 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	Do you recall approximately how many leak reports you all handled or received? Let's start with received.
11:03:50 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	So is it fair to say that likely there had been leaks in those houses for a long time?
11:03:55 AM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	Object.
11:03:56 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	The only reason they came to light is because the odorant had been added to the system?
11:04:01 AM	Chairman Schmitt Note: Warfield, Kabrenda	Overruled. Go ahead.
11:04:14 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	You mentioned the leak reports inside homes. Were there any outside as well?
11:04:46 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	You mentioned the meters. Could you tell us what kind of shape the meters were in? Were they all the same kind?
11:04:58 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	And are they all capable of being shut off there, at the meter?
11:05:18 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	Would you replace the meter?
11:05:28 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	You wouldn't put in a new one, okay.
11:05:37 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	In addition to making sure odorant was added and responding to the subsequent leak reports, what other services has Vanguard been providing?
11:06:22 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	The line locates?
11:07:26 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	To your knoweldge, were regulator inspections performed?
11:07:53 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	So there is a new odorant system?
11:07:57 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	You mentioned the majority of your time was dedicated to handling leak reports, and you were going to do a leak survey, or has one been -
11:08:08 AM	Staff Atty Park PSC - witness Duvall Note: Warfield, Kabrenda	You were doing to or did?

11:08:20 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda But it was not yet performed?

11:08:24 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda On the underground leaks, you mentioned the pitted steel pipeline. Was any of that pipe replaced, or was it just going through and -

11:09:03 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda So, the leaks you did find, they were just basically patched?

11:09:09 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda And identified by location?

11:09:18 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda Did you have occasion to work with Drakesboro City employees, Jordan Shaw and Dee Sims?

11:09:46 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda So they were not performing field operations with you all?

11:09:52 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda Because you didn't have an opportunity to observe them perform anything, you can't really testify regarding their skills and qualifications?

11:10:08 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda And what are the circumstances of you leaving last Friday? Was it just a matter of could not come to terms with the City?

11:10:28 AM Staff Atty Park PSC  
Note: Warfield, Kabrenda I have no further questions, Your Honor.

11:10:32 AM Chairman Schmitt  
Note: Warfield, Kabrenda Cross examination?

11:10:35 AM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda No, sir.

11:10:40 AM Chairman Schmitt  
Note: Warfield, Kabrenda Commissioner Mathews, any questions?

11:10:41 AM Commissioner Mathews  
Note: Warfield, Kabrenda (Shook head negatively.)

11:10:42 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda Examination. Mr. Duvall, I have a few. You indicated that Vanguard intended to perform a leak survey once the pipe system, pipeline system, had been mapped. What's required in mapping? How do you map? I guess is the question.

11:11:45 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda So can a comprehensive or adequate leak survey be performed without knowing where the pipe lines are?

11:11:57 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda I assume that you were attempting to map the system because the employees there or the people you had access to did not know or were not sure where the lines were, is that correct?

11:12:13 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda Would that include Mr. Shaw?

11:12:17 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda And is the other person Sims? I'm not sure.

11:12:22 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda Donald Sims?

11:12:27 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda Dee, all right, thank you. Did Drakesboro have or own its own equipment which was sufficient to perform a leak survey if it were known where the lines were?

11:13:15 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda And was their equipment then recalibrated?

11:13:20 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda Were there records that you saw to indicate when it had been last recalibrated?

11:13:44 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda Now, whenever I guess you were initially employed, did you say you had an employee that stayed at Drakesboro or close by on a 24-hour basis?

11:14:12 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda I guess I'm trying to understand this. As of the time you were last in Drakesboro, was when? Last week, last Friday?

11:14:31 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda What, in your opinion, was the state of the system then?

11:15:15 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda When you were there, did you see any evidence of cathodic protection on the steel pipe?

11:15:34 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda Did you see any records as to when cathodic protection was last installed on any of the lines?

11:16:01 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda In order to fix leaks on the steel pipe, did you say there were two methods? That's either replace the pipe or putting on clamps?

11:16:23 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda And who did the welding?

11:16:28 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda Do you have welders?

11:16:39 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda Did you say that the entire system needed to be assessed and old pipe needed to be replaced?

11:16:54 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda As of the day you were last there, based on your education, training, and experience and your observation of the Drakesboro Gas System, do you have an opinion, within reasonable probability, as to whether or not that system is safe for members of the public to use or be used and delivered gas?

11:18:53 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda For the record, what is leak migration and, if that's a problem, why?

11:19:23 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda You indicated that, in your opinion, the system could be operated safely under certain circumstances such as responding properly to leaks, I assume, having qualified personnel. Can you tell us what would be required, what type of personnel would be required, what type of equipment would be required, now, presently, to operate the system safely and whether, in your opinion, the employees who presently work for Drakesboro Gas are currently up to that task or qualified for that task and whether they have the requisite equipment to perform it?

11:23:30 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda How much time, in your opinion, would that require?

11:23:46 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda The supervision-type work that you just described, do you have an opinion as to what the reasonable cost of that service would be to the City of Drakesboro on an annual basis?

11:25:05 AM Chairman Schmitt - witness Duvall  
Note: Warfield, Kabrenda The hours that you spent, what is the total amount you billed? How long were you there? Three or four weeks?

11:25:22 AM	Chairman Schmitt - witness Duvall Note: Warfield, Kabrenda	Would you expect an outside contractor to be required to spend that much time on a regular basis in the future?
11:26:25 AM	Chairman Schmitt - witness Duvall Note: Warfield, Kabrenda	A lot of money?
11:26:58 AM	Chairman Schmitt Note: Warfield, Kabrenda	What I want to do is hand the witness this contract, the RussMar contract. Will you mark that as Exhibit 2?
11:27:17 AM	Chairman Schmitt - witness Duvall Note: Warfield, Kabrenda	What I have handed you, Mr. Duvall, is a copy of a contract or Agreement that's been entered into between the City of Drakesboro and RussMar Utility Management which sets out the terms of the Agreement, and then, on Appendix A, at the end of the contract is a letter or note from RussMar to Mayor Mike Jones which sets out the scope of the work.
11:27:17 AM	PSC EXHIBIT 2 Note: Warfield, Kabrenda Note: Warfield, Kabrenda	CHAIRMAN SCHMITT - WITNESS DUVALL. AGREEMENT FOR OPERATIONS MAINTENANCE AND MANAGEMENT SERVICES -DRAKESBORO and RUSSMAR.
11:27:52 AM	Chairman Schmitt - witness Duvall Note: Warfield, Kabrenda	Then, after that, there is hourly unit prices for various work performed. What I would like for you to do is to look at that, look at the scope of the work and the pricing, and tell us if you have an opinion as to whether or not the services that are contained within the scope of work are sufficient to maintain and operate the Drakesboro system to the extent to which it would be safe for members of the public?
11:28:59 AM	Chairman Schmitt - witness Duvall Note: Warfield, Kabrenda	That's what it says, We haven't talked to anybody. We just got this the other day.
11:29:50 AM	Chairman Schmitt - witness Duvall Note: Warfield, Kabrenda	That's what it says, Is that pricing of \$135,000 , in your opinion, within the range of reasonable?
11:30:11 AM	Chairman Schmitt - witness Duvall Note: Warfield, Kabrenda	Then it had, the last sentence, "RussMar will provide addition(al) services needed such (as) but not limited to leak repairs, service line installation, welding, HDD boring, ect (sic) at hourly rates provided to and accepted by the city prior to beginning work."
11:30:31 AM	Chairman Schmitt - witness Duvall Note: Warfield, Kabrenda	Is it your understanding that RussMar is offering to provide basically all the services that are required as requested by the city as opposed to being required to bring the system to the point where it is safe for members of the public?
11:31:38 AM	Chairman Schmitt - witness Duvall Note: Warfield, Kabrenda	Is it your opinion that this contract for one-party management, one person on site or on 24-hour call, is adequate or inadequate to operate the system given its present condition?
11:32:18 AM	Chairman Schmitt - witness Duvall Note: Warfield, Kabrenda	So you'd have to have more than one person, you might not always have to have one person come, but you'd have to be able to require, when needed, two or three people instead of just one, is that what you're saying?
11:33:03 AM	Chairman Schmitt Note: Warfield, Kabrenda	I have no further questions, but I'll give you an opportunity since you didn't have a chance.

11:33:10 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda Cross Examination. Mr. Josh, I've forgotten your last name, I apologize, Duvall, you were just handed this contract, correct?

11:33:22 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda Have you seen it before today?

11:33:27 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda Did you read the substance of it before today?

11:33:30 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda So you've had this contract for about ten minutes?

11:33:33 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda Have you read the whole thing?

11:33:34 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda So it's impossible for you to say what it says, right?

11:33:37 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda Okay, I just wanted to be clear on that, and I want to direct your attention to page 2, if you don't mind.

11:33:43 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda Yes, look at Section 2.1. Could you read Section 2.1, please?

11:33:58 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda And so that contemplates more than one employee, correct?

11:34:08 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda It says RussMar will provide those employees, correct?

11:34:11 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda I know you haven't read the whole contract, but the Chairman asked you some questions. Is there anything in this contract that you saw that limits the scope of RussMar's activities to just one employee?

11:34:32 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda I'm going to direct your attention to Section 2.8. It's on page 3. Could you read sentence one, please?

11:34:59 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda And that seems to indicate that the contract does provide that RussMar can do things if it's an emergency and they need to act on their own discretion, correct?

11:35:08 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda And I want to direct your attention to page 4 and Section 2.12. It's midway through the page, 2.12. I believe it's on page 4 of the contract. I know it's a little unfair to ask you questions about the contract, but I just want to go through a few things.

11:35:33 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda Would you read the first sentence of Section 2.12?

11:35:47 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda And so that provides RussMar with the ability to recommend capital improvements, right?

11:35:57 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda And so on the contract there's a \$135,000 fee. You've seen that part, correct?

11:36:13 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda And that's your understanding for one operator? That's for one employee, correct?

11:36:18 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda And that sounds like a flat fee to me, right?

11:36:23 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda If you go back to the Hourly Unit Prices, which are near the end, I think it's the very end, it will look like this, it will say Martin Contracting, can you take a look at that, please?

11:36:39 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda And there are a list of unit prices. Could you go ahead and read the first five items that are listed, please?

11:36:54 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda And what is GIS referencing, in your opinion?

11:37:07 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda That's a specific type of worker, correct?

11:37:09 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda So, in addition to just the operator, there's also skilled labor rates, there's also foreman rates, superintendent rates, and then, of course, the GIS rates, correct?

11:37:21 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda So it appears that this contemplates more than simply an operator, correct?

11:37:25 AM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda Those are all my questions.

11:37:55 AM Chairman Schmitt  
Note: Warfield, Kabrenda Okay. Thank you. Anything?

11:37:56 AM Staff Atty Park PSC  
Note: Warfield, Kabrenda Two short follow-up questions.

11:37:58 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda Redirect Examination. You mentioned that new equipment to install odorant was put in, is that correct?

11:38:04 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda Is that automatic, or how is that done? Is it still adding odorant this week as we speak?

11:38:46 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda Did Vanguard make a formal proposal to the City?

11:38:52 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda In terms of on-site staffing, was it specific in that we'll have three people here or we'll have two people here, or was it just we'll have the people here that we need?

11:39:09 AM Staff Atty Park PSC - witness Duvall  
Note: Warfield, Kabrenda So it wasn't a flat fee; it was based upon the personnel or manpower?

11:39:15 AM Staff Atty Park PSC  
Note: Warfield, Kabrenda No further questions.

11:39:17 AM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda Just briefly.

11:39:18 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda How many employees does your company have, sir?

11:39:23 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda And where is your company located?

11:39:30 AM Atty Driskill Drakesboro - witness Duvall  
Note: Warfield, Kabrenda And does your company service any other jobs or any other projects besides the Drakesboro job, and what are those jobs?

11:40:00 AM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda Thank you. Those are all my questions.

11:40:03 AM Chairman Schmitt  
Note: Warfield, Kabrenda You may step down. Thank you.

11:40:06 AM Chairman Schmitt  
Note: Warfield, Kabrenda You may call your next witness.

11:40:09 AM Staff Atty Park PSC  
Note: Warfield, Kabrenda Staff would like to call Jordon Shaw.

11:40:45 AM	Chairman Schmitt Note: Warfield, Kabrenda	Witness is sworn.
11:40:53 AM	Chairman Schmitt Note: Warfield, Kabrenda	Please be seated. Mr. Park, you may ask.
11:40:56 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	Direct Examination. Please state your name for the record.
11:41:00 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	And where do you currently work?
11:41:05 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	How long have you worked for the City?
11:41:10 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	I guess go through with the work history with the City.
11:41:25 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	And you've been employed with the City since January 3rd?
11:41:28 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	And, the first period of employment, what were the dates of that? You said it was about a year?
11:41:39 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	Of?
11:41:43 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	Prior to being let go go March 23, 2018, what were your job duties?
11:41:54 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	Including work on the gas system or would assist people?
11:41:59 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	Had you received any gas training, operator qualification training, prior to being let go in 2018?
11:42:17 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	Describe that first course and the difference with the second.
11:42:27 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	Who conducted the first training you had?
11:42:33 AM	Chairman Schmitt Note: Warfield, Kabrenda	I'm sorry. Who was it?
11:42:39 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	Was there a reason why you were terminated? Did they give you a reason?
11:42:50 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	Before being let go in March 2018, what percentage of your time would you estimate was on the gas system?
11:43:06 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	What would you do when you were working on the gas system? How would you help on that?
11:43:23 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	Do you recall meeting with Inspector Holbrook from the PSC in the beginning of February, February 7?
11:43:43 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	Do you recall meeting with Inspector Holbrook with the Mayor in the offices there, in Drakesboro?
11:43:52 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	I'm sorry. Inspector Holbrook is -
11:43:55 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	Yes.
11:44:00 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	So you do recall meeting with Melissa February 7 when she came in and met with the Mayor?

11:44:08 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda And did you recall how you described your training to her?

11:44:22 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Did you tell her you didn't feel comfortable working on the gas system?

11:44:34 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Now, since then, you've taken additional training courses which, you said, were a lot more helpful?

11:44:45 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda With that training alone, do you think you're competent to go and find a leak repair and do what it takes to fix it?

11:44:55 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda What about a leak underground?

11:44:58 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Have you had any experience repairing an underground leak to a steel pipeline?

11:45:05 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda And what has that experience consisted of?

11:45:09 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Dig it up, I understand. What do you mean by "fix it?"

11:45:18 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda So your experience doing this was prior to your most recent training?

11:45:24 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Have you done any tasks on the gas system since this most recent training?

11:45:45 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Who is on site this morning while everybody's at the hearing? Is there somebody manning the system, if you will, or available?

11:46:00 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda You're not for sure who's there, if anybody?

11:46:01 AM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda I'm just going to object. I mean, I hate to do this, but it's such an obvious objection. He's here; they're there. I don't think he can say.

11:46:07 AM Chairman Schmitt  
Note: Warfield, Kabrenda Sustained.

11:46:17 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Approximately how many reports of leaking gas have you responded to?

11:46:23 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Since you've been employed with the City of Drakesboro?

11:46:36 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda And what kind of leaks did you encounter during your employment?

11:46:51 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Were you involved in responding to leaks reported inside homes?

11:46:58 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda And what part of that did you do? Did you go in and relight something, or what was your role?

11:47:14 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Commission Staff received a report that, on occasion, inmates would go out and assist by going into homes and relighting gas appliances. Do you have any knowledge of that?

11:47:31 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Are you are aware they've provided any assistance in operating the gas system?

11:47:40 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Are they county prisoners?

11:47:47 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda During your employment, including your prior employment, with the City, were you ever involved in testing for odorant in the gas system?

11:48:01 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Were you ever involved in adding odorant, injecting odorant?

11:48:15 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Before you were dismissed in March 2018, did you observe anybody doing odorant tests or adding odorant?

11:48:39 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Do you have any idea why there wasn't any odorant in the system as of February 8th?

11:48:52 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Did you take any training courses on odorization of gas systems?

11:49:12 AM Commissioner Mathews - witness Shaw  
Note: Warfield, Kabrenda Examination. May I ask, who's Earl?

11:49:22 AM Commissioner Mathews - witness Shaw  
Note: Warfield, Kabrenda Who does he work for?

11:49:29 AM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda I'll show him these transcripts. That may help him a little bit.

11:49:33 AM Commissioner Mathews  
Note: Warfield, Kabrenda Okay, okay.

11:49:46 AM Staff Atty Park PSC  
Note: Warfield, Kabrenda Your Honor, I'd like to show the witness Exhibit 1.

11:50:09 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Direct Examination (cont'd). Mr. Shaw, does that document look familiar, or do those documents look familiar? Do you know what they are?

11:50:19 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda The first page looks like it references to a leak survey in December 2017. Do you see that?

11:50:33 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda And, at the very bottom, it says the survey was conducted by Jordon Shaw, witnessed by Black Biscomb. Do you see that?

11:50:46 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda You didn't perform this leak survey?

11:50:48 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Do you have any idea how your name got on here?

11:50:53 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Are you aware whether Blake - you say it's Bishop?

11:50:58 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Are you aware if he ever performed leak surveys?

11:51:03 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda And, if you'll turn to the second page of this document, down about the middle, it refers to a leak survey in December of, well, it says, 2018, but let's assume that's 2018. Did you perform a leak survey for Drakesboro in December 2018?

11:51:40 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda Do you know approximately when that was?

11:51:48 AM Staff Atty Park PSC - witness Shaw  
Note: Warfield, Kabrenda So, in fact, what you've told me, you were not even an employee of Drakesboro in December 2018, is that correct?

11:51:58 AM	Staff Atty Park PSC - witness Shaw Note: Warfield, Kabrenda	So it would have been probably pretty difficult for you to perform that survey?
11:52:10 AM	Staff Atty Park PSC Note: Warfield, Kabrenda	I have no further questions.
11:52:12 AM	Chairman Schmitt Note: Warfield, Kabrenda	Cross examination?
11:52:13 AM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	Yes, thank you.
11:52:15 AM	Atty Driskill Drakesboro - witness Shaw Note: Warfield, Kabrenda	Cross Examination. Mr. Shaw, you said that you were gone for a lot of February, is that correct?
11:52:34 AM	Atty Driskill Drakesboro - witness Shaw Note: Warfield, Kabrenda	And where were you gone in February?
11:52:39 AM	Atty Driskill Drakesboro - witness Shaw Note: Warfield, Kabrenda	Were you taking classes in February?
11:52:43 AM	Atty Driskill Drakesboro - witness Shaw Note: Warfield, Kabrenda	And can you just give me a brief summary of what you learned or what topics you learned about? Let's put it that way, for time's sake.
11:53:11 AM	Atty Driskill Drakesboro - witness Shaw Note: Warfield, Kabrenda	Did you learn anything about replacing steel pipes or installing steel pipes?
11:53:24 AM	Atty Driskill Drakesboro - witness Shaw Note: Warfield, Kabrenda	Did you have to take a test at the end?
11:53:33 AM	Atty Driskill Drakesboro - witness Shaw Note: Warfield, Kabrenda	When did you finish this class?
11:53:41 AM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	I'm going to show Mr. Park. I think you've already seen it.
11:54:22 AM	Chairman Schmitt Note: Warfield, Kabrenda	Could I take a look at that before just to see what it is?
11:54:23 AM	Staff Atty Park PSC Note: Warfield, Kabrenda	We can make copies.
11:54:48 AM	Staff Atty Park PSC Note: Warfield, Kabrenda	Commissioner, would you like us to make a copy of that?
11:54:50 AM	Commissioner Mathews Note: Warfield, Kabrenda	If we're going to refer to it, yes.
11:55:49 AM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	I'll tell you what, while he's doing that, we can go over some other stuff.
11:55:51 AM	Chairman Schmitt Note: Warfield, Kabrenda	Okay, and then we'll get it.
11:55:53 AM	Atty Driskill Drakesboro - witness Shaw Note: Warfield, Kabrenda	In the past week, have you been working for the City of Drakesboro on site?
11:56:03 AM	Atty Driskill Drakesboro - witness Shaw Note: Warfield, Kabrenda	And you're aware that RussMar is now the contractor for the City?
11:56:09 AM	Atty Driskill Drakesboro - witness Shaw Note: Warfield, Kabrenda	And have you had any contact with them since they've come on site?
11:56:17 AM	Atty Driskill Drakesboro - witness Shaw Note: Warfield, Kabrenda	Have they ever had more than one employee there or more than one person there, at the City, since they've come on board?
11:56:30 AM	Atty Driskill Drakesboro - witness Shaw Note: Warfield, Kabrenda	Have you ever witnessed them fixing a leak?

11:56:37 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda So you've only worked with them one day?

11:56:39 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda What have you been doing the other days?

11:56:42 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda So you haven't been involved with the gas stuff except for the one day?

11:56:45 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda So your knowledge is only as to yesterday, basically?

11:56:48 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda And, yesterday, when you were working with RussMar, what did you observe?

11:56:57 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda Did RussMar fix a leak while you were there?

11:57:04 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda To your knowledge, is there still odorant in the system?

11:57:13 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda Did you smell it?

11:57:15 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda Did Mr. Jones tell you why he sent you to classes for your OQ?

11:57:33 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda Did he tell you why?

11:57:53 AM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda I just want to enter than into the record, and then I'll move on.

11:57:56 AM Chairman Schmitt  
Note: Warfield, Kabrenda Let me ask just a question of you and the Mayor, if you can ask the Mayor. I would assume that the City or any gas company would have the operator qualifications on file or should. I don't know if that's true, But I would be interested in knowing the individual or the company that performed the first qualification training on Mr. Shaw, if you can find it.

11:58:23 AM Mayor Jones Drakesboro  
Note: Warfield, Kabrenda Thank you. His name is Earl Taylor of ITS.

11:58:29 AM Chairman Schmitt  
Note: Warfield, Kabrenda Oh, that's the second one. Apparently, Mr. Shaw had been trained previously, but he did not recall the name of the company that qualified him.

11:58:42 AM Safety Investigator Holbrook PSC  
Note: Warfield, Kabrenda Sir, I think you'll have to ask Eddie Brake. That's who told us.

11:58:48 AM Chairman Schmitt  
Note: Warfield, Kabrenda Okay, alright.

11:59:12 AM Chairman Schmitt  
Note: Warfield, Kabrenda Mark this as Drakesboro 1.

11:59:21 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda Have you had an opportunity to review this document, or do you know what this document is?

11:59:25 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda Yeah, it shows what you're certified in.

11:59:27 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda And I don't want to go through all of these again, but does this reflect your transcripts or your testing that was done through Industrial Training Services?

11:59:42 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda And, in the middle of the section, it's got a P and an F. Does it reflect you passed almost all of the testing that you were submitted to?

11:59:58 AM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda Well, you don't have to guess. If you don't know, then that's fine.

12:00:06 PM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda Since he's authenticated this, I would ask that this be entered as Defense Exhibit 1.

12:00:11 PM Chairman Schmitt  
Note: Warfield, Kabrenda Any objection?

12:00:12 PM Staff Atty Park PSC  
Note: Warfield, Kabrenda No.

12:00:13 PM Chairman Schmitt  
Note: Warfield, Kabrenda Let it be admitted as Drakesboro Exhibit 1.

12:00:15 PM DRAKESBORO EXHIBIT 1.  
Note: Warfield, Kabrenda ATTY DRISKILL DRAKESBORO - WITNESS SHAW.  
Note: Warfield, Kabrenda INDUSTRIAL TRAINING SERVICES - OFFICIAL TRANSCRIPT REQUEST.

12:00:16 PM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda I think also in front of you, you've gone through some things, and it's Commission's Exhibit 1, and this reflects some things that happened in 2017 and 2018?

12:00:25 PM Atty Driskill Drakesboro - witness Shaw  
Note: Warfield, Kabrenda These items that were done, these supposed tests, this happened before Mr. Jones was Mayor, correct?

12:00:35 PM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda Those are all my questions.

12:00:37 PM Chairman Schmitt  
Note: Warfield, Kabrenda Commissioner Mathews, questions?

12:00:39 PM Commissioner Mathews  
Note: Warfield, Kabrenda I don't have any.

12:00:45 PM Chairman Schmitt - witness Shaw  
Note: Warfield, Kabrenda Examination. Mr. Shaw, as you indicated, you never performed a leak survey at any time?

12:00:53 PM Chairman Schmitt - witness Shaw  
Note: Warfield, Kabrenda You drove the tractor or the mule or whatever at some point for Mr. Lindsey?

12:01:00 PM Chairman Schmitt - witness Shaw  
Note: Warfield, Kabrenda But you never performed a leak survey, and, if your name appears on this 2017 and 2018 leak survey, basically, you didn't cause your name to be put on there because you never performed that work, right?

12:01:19 PM Chairman Schmitt - witness Shaw  
Note: Warfield, Kabrenda And you don't know who did?

12:01:27 PM Chairman Schmitt - witness Shaw  
Note: Warfield, Kabrenda He was gone because he was out of jail, or because he wasn't an employee?

12:01:38 PM Chairman Schmitt - witness Shaw  
Note: Warfield, Kabrenda He was out, he could get out on work release or get out to perform work for public entities probably?

12:01:49 PM Chairman Schmitt - witness Shaw  
Note: Warfield, Kabrenda But, at some point in time, he had disciplinary issues in prison or jail and couldn't get out any more?

12:01:58 PM	Chairman Schmitt - witness Shaw Note: Warfield, Kabrenda	And are you saying that during one or both of these time periods he was on lockdown?
12:02:09 PM	Chairman Schmitt - witness Shaw Note: Warfield, Kabrenda	Okay, you did not, right. You said he was a State prisoner, Where was he incarcerated?
12:02:19 PM	Chairman Schmitt - witness Shaw Note: Warfield, Kabrenda	I know some county facilities can hold state prisoners. I just didn't know if that's what he was. Thank you.
12:02:37 PM	Chairman Schmitt Note: Warfield, Kabrenda	That's all. I don't have anything further. Do you have any other questions?
12:02:40 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	No, Your Honor.
12:02:41 PM	Chairman Schmitt Note: Warfield, Kabrenda	You may step down. Thank you.
12:02:47 PM	Chairman Schmitt Note: Warfield, Kabrenda	You may call your next witness.
12:02:49 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Staff calls Mr. Eddie Brake.
12:03:06 PM	Chairman Schmitt Note: Warfield, Kabrenda	Mr. Park, is this your last witness, or are you having somebody else?
12:03:10 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	It was. Jeanetta Turner, who is in the audience, I had not intended to call her, but the Commissioners might want to hear from her and her role there on the ground that first week in dealing with the records.
12:03:20 PM	Chairman Schmitt Note: Warfield, Kabrenda	I know she wasn't separated, but we'll look at it.
12:03:36 PM	Chairman Schmitt Note: Warfield, Kabrenda	Witness is sworn.
12:03:43 PM	Chairman Schmitt Note: Warfield, Kabrenda	Please be seated. Mr. Park, you may ask.
12:03:46 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	Direct Examination. Please state your name for the record.
12:03:52 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	And are you currently employed?
12:03:57 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	And what was your last position of employment?
12:04:03 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	How long had you held that position?
12:04:07 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	And when did you leave that position?
12:04:12 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	And what were the circumstances of you leaving?
12:04:35 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	And who changed your position?
12:04:41 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	Was it your decision to leave, or were you terminated? Was it a mutual decision?
12:04:54 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	Were your job duties the same when you were City Administrator and City Engineer? It was just a change in title?

12:05:06 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda When did they make the change to City Engineer?

12:05:12 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda February 4, okay. Before that change, while you were still City Administrator, just in general, what were you responsible for for the City?

12:05:29 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda And were you also in charge of the City's gas system?

12:05:33 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda Does the City have waste water and water systems as well?

12:05:39 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda Were you in charge of those, too?

12:05:45 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda What was your training for the gas sytem, safety training?

12:05:53 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda Danny Miller?

12:05:55 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda And he provides the operator qualification courses?

12:06:14 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda What was the individual's name?

12:06:18 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda I apologize. I couldn't hear you.

12:06:29 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda And did you take these classes as well and were operator qualified?

12:06:39 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda Did you, yourself, ever try to qualify anybody to be OQed?

12:06:50 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda While you were in charge of the gas system, who read the meters?

12:06:57 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda When you say inmates, we've heard a reference earlier today. How did the City come to use the labor of inmates?

12:07:14 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda What other tasks did inmates do on the system other than meter reading? Did they ever work on leak repairs or help respond?

12:07:24 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda And what would they do?

12:07:45 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda And were you responsible for the City's compliance with natural gas safety regulations while you were City Administrator?

12:07:52 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda Were you responsible for making sure odorant was in the system?

12:07:59 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda I'm not sure if you're aware of it, but there has been reports that on February 8, when Vanguard got on the site, there was no odorant in the system.

12:08:23 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda Two weeks prior to that there was a leak on what road?

12:08:31 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda You could smell it two weeks at that leak?

12:08:36 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda And, as far as regular testing for odorant, was there -

12:08:48 PM Staff Atty Park PSC - witness Brake  
Note: Warfield, Kabrenda And where are those records? Are they all still with the City?

12:09:01 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	Do you recall how often the sniff test would be performed?
12:09:09 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	Were you responsible for the required leak surveys for the business district?
12:09:15 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	Who would perform those?
12:09:43 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	I'm going to show you a document that's been marked Commission Staff Exhibit 1 and give you a second to look at that.
12:10:11 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	This document was provided to Inspector Holbrook, who is sitting to my left, during her on-site visit on February 7. If you look at the first page, it's dated from December of 2017, and it refers to a leak survey performed by Jordan Shaw, witnessed by Blake Biscomb.
12:10:38 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	So that's not accurate?
12:10:40 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	Who would have prepared this record?
12:10:48 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	The next page refers to a leak survey in December of 2018, and it also indicates that it was conducted by Jordan Shaw. Is that accurate?
12:11:04 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	Was he an employee at that time?
12:11:14 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	And, again, do you have any idea how Mr. Shaw's name came to be on this test record?
12:11:19 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	And whose job is it to keep these records?
12:11:29 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	Mr. Shaw testified he was let go in March of 2018. Does that sound about right?
12:11:34 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	Do you know why was he let go?
12:11:38 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	And that was the previous Mayor, not Mr. Jones?
12:11:42 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	And what was the prior Mayor's name?
12:11:57 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	Based on your observation of Jordan Shaw when he was working with you on the gas system, do you think he's got the training, skills, and knowledge to go out and handle gas emergencies?
12:12:09 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	You think he could with some additional on-the-job training?
12:12:14 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	What about Donald, or Dee, Sims? Do you have any familiarity?
12:12:21 PM	Staff Atty Park PSC - witness Brake Note: Warfield, Kabrenda	Are you aware - staff had gotten a report; we don't know it's certain. Do you know if inmates were ever taken along on response to gas leak reports and actually gone into a house and relit appliances?
12:12:53 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	I have no further questions.
12:12:59 PM	Chairman Schmitt Note: Warfield, Kabrenda	Cross examination?

12:13:01 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	No, sir.
12:13:06 PM	Chairman Schmitt Note: Warfield, Kabrenda	Commissioner Mathews?
12:13:08 PM	Commissioner Mathews - witness Note: Warfield, Kabrenda	Brake Examination. Who does Robert Lindsey work for, or who did he work for?
12:13:17 PM	Commissioner Mathews - witness Note: Warfield, Kabrenda	Brake So he was an employee of the City of Drakesboro?
12:13:27 PM	Commissioner Mathews Note: Warfield, Kabrenda	That's all I have.
12:13:29 PM	Chairman Schmitt - witness Note: Warfield, Kabrenda	Brake Examination. Mr. Brake, Robert Lindsey was employed by the City of Drakesboro, but he's out of state now? Is that what you're saying?
12:13:40 PM	Chairman Schmitt - witness Note: Warfield, Kabrenda	Brake Oh, I thought you maybe meant Sacramento, California, or something.
12:13:47 PM	Chairman Schmitt - witness Note: Warfield, Kabrenda	Brake And when he worked at the City, can you tell us what his job was?
12:13:59 PM	Chairman Schmitt - witness Note: Warfield, Kabrenda	Brake Was he qualified, a qualified sewer plant operator?
12:14:02 PM	Chairman Schmitt - witness Note: Warfield, Kabrenda	Brake I mean, being a sewer plant operator is probably a full-time job, isn't it?
12:14:10 PM	Chairman Schmitt - witness Note: Warfield, Kabrenda	Brake So if there were leak surveys and so forth, he'd be responsible for that? Is that what you're saying?
12:14:19 PM	Chairman Schmitt - witness Note: Warfield, Kabrenda	Brake Apparently, the records have disappeared or gone or whatever. When is the last time you saw the gas company records?
12:14:37 PM	Chairman Schmitt - witness Note: Warfield, Kabrenda	Brake I mean, one day, they were there, and, another day, you went and looked for them, and they were gone?
12:15:03 PM	Chairman Schmitt - witness Note: Warfield, Kabrenda	Brake Did you ever ask anybody what happened to it?
12:15:09 PM	Chairman Schmitt - witness Note: Warfield, Kabrenda	Brake You don't have any idea where it is?
12:15:31 PM	Chairman Schmitt Note: Warfield, Kabrenda	I don't have any further questions.
12:15:34 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	No further questions.
12:15:36 PM	Chairman Schmitt Note: Warfield, Kabrenda	You may step down.
12:15:45 PM	Chairman Schmitt Note: Warfield, Kabrenda	Now, I asked specifically if Jeanetta - what's her last name?
12:15:53 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Jeanetta Turner, I believe.
12:15:55 PM	Chairman Schmitt Note: Warfield, Kabrenda	- Jeanetta Turner was going to testify, and you said, no, not at this time. I mean, we had the rule, but I want to call her and ask her one question, and it's not what anybody said or anything with the Mayor, but I'd just like to ask one question. Would you mind, Ms. Turner?
12:16:23 PM	Chairman Schmitt Note: Warfield, Kabrenda	Witness is sworn.

12:16:31 PM Chairman Schmitt - witness Turner  
Note: Warfield, Kabrenda Examination. I promise, just one question.

12:16:33 PM Chairman Schmitt - witness Turner  
Note: Warfield, Kabrenda At any time - I mean, you live in Drakesboro and are a customer?

12:16:43 PM Chairman Schmitt - witness Turner  
Note: Warfield, Kabrenda But you're a customer of the Drakesboro gas system?

12:16:46 PM Chairman Schmitt - witness Turner  
Note: Warfield, Kabrenda Do you believe that, at any time while you've been a customer of the Drakesboro gas system, that a prisoner came into your home for any purpose?

12:16:57 PM Chairman Schmitt - witness Turner  
Note: Warfield, Kabrenda When was that? Approximately, when?

12:17:05 PM Chairman Schmitt - witness Turner  
Note: Warfield, Kabrenda Of 2018, 2019?

12:17:11 PM Chairman Schmitt - witness Turner  
Note: Warfield, Kabrenda And what were the circumstances?

12:18:14 PM Chairman Schmitt - witness Turner  
Note: Warfield, Kabrenda How many people came inside?

12:18:24 PM Chairman Schmitt - witness Turner  
Note: Warfield, Kabrenda How do you know that one of the people that came inside was a prisoner?

12:18:32 PM Chairman Schmitt - witness Turner  
Note: Warfield, Kabrenda Of the two people that came inside, were both prisoners or just one prisoner?

12:18:42 PM Chairman Schmitt  
Note: Warfield, Kabrenda I don't have any other questions. Anything from anybody else?

12:18:47 PM Chairman Schmitt  
Note: Warfield, Kabrenda You may step down. Thank you.

12:18:50 PM Chairman Schmitt  
Note: Warfield, Kabrenda Are you finished, Mr. Park? Is that your case?

12:18:52 PM Chairman Schmitt  
Note: Warfield, Kabrenda Mr. Driskill, do you want to go ahead?

12:18:52 PM Staff Atty Park PSC  
Note: Warfield, Kabrenda Yes, Chairman.

12:18:53 PM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda Can we take five minutes and break? I need five minutes

12:18:54 PM Chairman Schmitt  
Note: Warfield, Kabrenda Let's take ten minutes. We'll come back at 25 to one.

12:19:17 PM Session Paused

12:29:13 PM Chairman Schmitt  
Note: Warfield, Kabrenda We're now back on the record. Mr. Driskill, you may call your first witness.

12:29:13 PM Session Resumed

12:29:17 PM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda Yes, sir, I will call Shawn Martin of RussMar.

12:30:06 PM Chairman Schmitt  
Note: Warfield, Kabrenda Witness is sworn.

12:30:13 PM Chairman Schmitt  
Note: Warfield, Kabrenda Mr. Driskill, you may ask.

12:30:16 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Direct Examination. Sir, can you just state your name?

12:30:21 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And what's your relationship with RussMar Utility Management?

12:30:31 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And I want to ask you just briefly about your background. How long have you been working in your current position?

12:30:51 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And, prior to that, did you work in this industry?

12:30:57 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda So, prior to being COO, what did you do in the natural gas industry?

12:31:18 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And do you have any training that's specific to your job?

12:31:24 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Tell me what that training is.

12:31:29 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda When I say training, I meant more along the lines of course work.

12:31:37 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Yes.

12:31:38 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And do you have any kind of history in terms of do you have any history with seminars or training that's outside of on-the-job training?

12:32:10 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda So it sounds like you know quite a bit about your industry. Is that fair to say?

12:32:16 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Tell me, how many employees does your company have.

12:32:23 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Yes, RussMar Utility Management.

12:32:30 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda You had some hesitation there. Why did you have some hesitation?

12:32:38 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And what's the relationship between Martin Contracting and RussMar?

12:32:48 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda I mean, do you guys do projects together?

12:33:07 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda So Martin Contracting does the grunt work maybe, is that fair to say, while RussMar does more of the compliance side?

12:33:15 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda How many employees do you have through Martin Contracting?

12:33:26 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And is that including the RussMar?

12:33:40 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And I want to show you a document, and it's been entered, I believe, previously, but I'll show you mine. I'll use the court document, the court version, just for simplicity.

12:34:10 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Do you recognize that contract?

12:34:12 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Okay. I want to get just a brief understanding, what does this contract require you to do? What is your scope of work?

12:35:13 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda I'm not going to ask you for a legal conclusion, but I'm going to ask for your intent about this contract. Is it the intent of this contract or your intent that if there's an emergency leak or if there's an emergency situation, that your company would take care of that and handle that situation?

12:35:28 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And there was a question earlier that was dealing with the number of employees that are available to do the work that's set forth in this contract. Is it your intent that it may sometimes require just one or is it your intent that it could require more than one?

12:35:50 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda So if I said that this contract only requires you to use one person for the job, would that be fair or unfair? Do you have to have more than one person to fulfill this contract?

12:36:04 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And it talks about \$135,000 for a particular - I think it's an annual fee. What does that \$135,000 pay for?

12:36:38 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda That brings me to another question, There obviously are some allegations of violations, and whether those are true or not., What is your intent with respect to those current deficiencies as relates to this contract?

12:36:58 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And so do you expect to fix the current leaks, or do you intend to fix the current leaks?

12:37:23 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And do you think that's covered under the contract that you've got with them?

12:37:38 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Have you spoken with Mr. Jones about the current leaks?

12:37:43 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And has it been your understanding that he wants you to fix those leaks at some point?

12:37:49 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Has your company, to your knowledge, fixed any leaks at Drakesboro so far?

12:37:55 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda There are some quotes here, and this is through Martin Contracting, and I want you to just turn back to the back where you've got your hourly unit prices, if you don't mind.

12:38:15 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And on the hourly unit prices on the first page of those quotes, there are skilled labor, operator, foreman, superintendent, and GIS. What is the purpose of you including that within the quote?

12:38:47 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And so do you expect to use these different types of employees or different types of workers on this job?

12:38:56 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Do you plan on doing a leak survey?

12:39:00 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And there were a few references to odorant. Do you have any knowledge of the current status on odorant at the Drakesboro location?

12:39:28 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Is it your company's job to take care of that under this contract?

12:39:33 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda There was some testimony earlier about, and you're going to have to forgive my limited ability to pronounce some of these words but, cathodic protection or cathodic testing. What does that mean?

12:40:04 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And, under your contract with Drakesboro, what does that require you to do with respect to that?

12:40:20 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And do you intend to fix those if necessary?

12:40:28 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda With respect to pipeline markers, do you know anything about pipeline markers that are required with respect to natural gas distribution systems?

12:40:37 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda What are those requirements, just in summary?

12:40:52 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And what is your company's intent with respect to pipeline markers in this contract?

12:41:09 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And, under the contract, who will submit annual reports and other compliance documents?

12:41:21 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda You said you had 119 employees at Martin Contracting. Based on your experience, is that enough employees or workers to do the job?

12:41:32 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Would it be pretty hard to do it with just two or three employees?

12:41:44 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda We've talked a little bit about emergencies. What do you anticipate your company doing on emergencies?

12:42:15 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Do you have any emergency procedures that you guys follow with respect to fixing or addressing emergencies?

12:42:25 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda With respect to relief valves and relief valve inspections, do you guys do that?

12:42:34 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Is that part of this contract?

12:42:40 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda We've talked about leak surveys. Do you guys intend on doing that as part of this contract?

12:42:49 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda When do you anticipate doing that?

12:42:54 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda How long will that take, approximately?

12:42:59 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And that's a part of this contract, or is that outside the contract?

12:43:05 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Once you do that, what will you do?

12:43:18 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda What are some of the ways that you can fix pipes that have leaks in them?

12:43:29 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Are there other options besides replacing a leaking pipe?

12:43:42 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Do you guys have welders in your company?

12:43:46 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And what is the purpose of having a welder in a company like yours?

12:43:53 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Is that important?

12:43:56 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda If you didn't have a welder, what would you do to remedy the problem?

12:44:06 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Are those welders available to fix things at the Drakesboro site?

12:44:19 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda With respect to the number of people that are required to fix a leak, how many people does it take to fix a leak, generally, and I know there are different types of leaks, but how many people, generally, does it take to fix an underground leak?

12:44:43 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And will that be available for this situation?

12:44:46 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Have you asked Mr. Jones to do anything as part of this process in terms of helping you do your job?

12:45:00 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda With respect to anything you guys have wanted or requested, has he complied?

12:45:07 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Do you know Ms. Holbrook?

12:45:11 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda And have you worked with her in the past?

12:45:13 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Do you have a pretty good working relationship with her?

12:45:19 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda I think she recommended you, so I hope that's why. This contract, did you write this contract?

12:45:30 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Do you know who wrote it?

12:45:35 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda So is this something that you just used for this situation, or have you used it for other situations?

12:45:42 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Are there other contracts that you use sometimes?

12:45:48 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Would you consider this a standard contract, or would you consider this outside the norm?

12:45:56 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Have you reviewed the deficiencies that have been listed by Ms. Holbrook?

12:46:02 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda Are there any that you think your company is not capable of addressing in terms of physical?

12:46:16 PM Atty Driskill Drakesboro - witness Martin  
Note: Warfield, Kabrenda I'll pass the witness.

12:46:18 PM Chairman Schmitt  
Note: Warfield, Kabrenda Cross examination?

12:46:20 PM Staff Atty Park PSC  
Note: Warfield, Kabrenda Yes.

12:46:22 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Cross Examination. First, some clarification on the two companies. The contract is with RussMar. RussMar has six employees, is that correct?

12:46:31 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And Martin Contracting is a sister company, if you will, with 119?

12:46:36 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda But you anticipate that RussMar will have Martin Contracting perform some of the services in here?

12:46:49 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Borrow employees?

12:46:57 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Since March 1, which is the effective date of the contract, what services has RussMar performed for the City? I know you mentioned there's been one person on site this week, is that correct?

12:47:32 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And you indicated there was one individual on site was staying locally at least for this week?

12:47:39 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda What about after this week?

12:48:00 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda So the decision hasn't been made whether he will continue to be there next week?

12:48:11 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda I see, I understand. What other gas operators does RussMar do this sort of compliance work for?

12:49:05 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda More similar to this arrangement here?

12:49:08 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And then, on the construction side, you've got crews that will install pipeline, but they're not involved in the operating side?

12:49:30 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Have you been on site personally this week?

12:49:32 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And I assume that you haven't been there enough to form an opinion on the qualifications of the City employees who may be assisting RussMar with gas operations?

12:49:47 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda The Agreement's got some language about waste water and water treatment services. I assume that's from a prior contract?

12:49:56 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda This is limited strictly to the gas, right?

12:49:57 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda I've got a few questions on the agreement. Do you still have a copy of that?

12:50:16 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda If you will turn to section 2.13 of the contract.

12:50:33 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And it says "Services that are the subject of this Agreement are budgeted as 1,520 actual straight time man-hours per payroll period," a consecutive two-week period. How is that calculated, and can you explain what that means for us?

12:51:01 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And that's for one person?

12:51:14 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Section 3 on Russmar's Scope of Services, it says, the scope "shall be as designated in Appendix \_\_\_\_\_," but I assume that's referencing the letter that's attached to the back of the contract?

12:51:34 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And if you'll look at Section 5 on the compensation, it says the "management fee represents one qualified person and management fee only." This is something I think we want some more detail on. Is this going to be a dedicated, not necessarily the same individual but a dedicated, RussMar employee that's going to be assigned to Drakesboro every day, all day?

12:52:03 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And, at least, at the beginning, you said he's going to be locally or close on site. Is that something that would be difficult, to have that person on site, for more than a short time?

12:52:18 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda I see. Somebody who could actually reside in the area?

12:52:22 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda I see, so the intent is to have or the Agreement is for RussMar to have boots on the ground there, at the City, at least one person?

12:52:38 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Section 9 of the Agreement states the Agreement has an initial term of 24 months, but it also states that the contract starts March 1, 2019, and terminates March 1, 2020, so that's an inconsistency. What is the term of this?

12:53:10 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda If you would, please, turn to the Scope of Services. It says RussMar will provide a "24-hour on-call service technician." Is that in reference to the individual who's going to be local?

12:53:29 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda It's not some call center that takes calls?

12:53:39 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And you indicated and we've certainly heard testimony that it's very likely there will be some situations that will require more than one RussMara employee, and, as part of this contract, you will provide that?

12:53:51 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda How close are they going to be? How far away?

12:53:59 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Is that just based upon where your closest qualified crew is going to be?

12:54:07 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And, as I understood your testimony, the first paragraph of the Scope of Services sets forth what that one person is going to be doing, what's included in the management fee, whereas the second paragraph includes additional services that RussMar will perform but there'll be an additional charge based upon the schedule of costs, is that correct?

12:54:32 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And I believe I heard you say that, as part of the included work, the RussMar dedicated employee would identify leaks and monitor situations, but if any additional work needed to be done, like repair work, that would need to be authorized by the City, is that correct?

12:54:51 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Counsel for the City did refer to some language in the Agreement that gave RussMar the ability to act in an emergency basis. Are you aware of that?

12:55:08 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And is that standard language you've used in previous contracts?

12:55:11 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Has RussMar ever invoked that clause and exercised that emergency authority without authorization?

12:55:18 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And what was that situation?

12:55:35 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Do you have a process in place or a standard that will give you guidance as to when RussMar would invoke that provision, what level of concern?

12:55:51 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Situational?

12:56:01 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Has RussMar had a chance to work with the City as far as setting up a system to receive and respond to leak calls?

12:56:11 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda So the calls are going in to whatever number the City has had?

12:56:16 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And I believe I heard testimony that you all have not done any leak repairs so far?

12:56:23 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda So there's not yet a process that you're aware of by which the City would transmit the information about a leak repair to you?

12:56:36 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Right there?

12:56:43 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And you spoke earlier that an odor test was done and determined that it did need some additional odorization, and some odorant was ordered, is that correct, or what -

12:57:00 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Is that the type of service you monitor that, and when it's determined it's needed, that's when you would go to the City for authorization?

12:57:07 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda You would need authorization to proceed with that?

12:57:15 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda What about weekend and night coverage? Would that be the one dedicated on-call local person?

12:57:47 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda Previously, you talked about RussMar's role in assessing the condition of the system and the need to make substantial pipeline replacement programs. Is that part of the contract, or would that be an extra service?

12:58:03 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And how do you see RussMar performing that duty? How would it undertake to do that?

12:58:42 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda I assume the Mayor will be the one who will be authorizing additional work, if needed, to make the leak repairs?

12:58:50 PM Staff Atty Park PSC - witness Martin  
Note: Warfield, Kabrenda And there's not yet a process to do that yet? The work order comes in - we just don't know what the process is that's going to be?

12:59:19 PM	Staff Atty Park PSC - witness Martin Note: Warfield, Kabrenda	I know the Agreement contemplates that RussMar will be providing some training services to the City employees. Is it your understanding that the City hopes to let its employees take over the gas system after a one-year period, or do you have any knowledge about that? Do you anticipate that will be enough time for the employees to get up to speed?
12:59:40 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	I'm going to object to that. I don't have any real objection to it. On a substantive basis, it's a multi-part. If you could just ask him one question at a time, I think that would be more fair.
12:59:50 PM	Chairman Schmitt Note: Warfield, Kabrenda	Overruled. If you understand the question, you can. If you need counsel to break it down into sub-parts, you may obviously do that, but if you understand the question, you can go ahead and answer it.
1:00:26 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	No further questions.
1:00:28 PM	Chairman Schmitt Note: Warfield, Kabrenda	Commissioner Mathews, any questions?
1:00:32 PM	Commissioner Mathews Note: Warfield, Kabrenda	I don't have any.
1:00:33 PM	Chairman Schmitt - witness Martin Note: Warfield, Kabrenda	Examination. Mr. Martin, your other company is a pipeline company, is that correct?
1:00:45 PM	Chairman Schmitt - witness Martin Note: Warfield, Kabrenda	Distribution pipeline, so basically you assess, evaluate, and probably bid on projects for gas companies, municipal-owned gas companies, and so forth?
1:01:03 PM	Chairman Schmitt - witness Martin Note: Warfield, Kabrenda	During the course of your work here for the one year under the contract, what would you do or what would your company do, or what's involved in assessing and evaluating this gas distribution system for the purpose of determining what needs to be replaced and how much it would cost? How would you do that?
1:02:04 PM	Chairman Schmitt - witness Martin Note: Warfield, Kabrenda	The reason that I ask you that is I wouldn't be surprised if this Commission ultimately enters an Order that, basically, Drakesboro submit to some type of evaluation of their system. (Click on link for further comments.)
1:03:25 PM	Chairman Schmitt - witness Martin Note: Warfield, Kabrenda	What I'm saying is, during the time period that your company is involved, would you have any problem or issue in making such an assessment and reporting to Drakesboro with a copy to us of what you think needs to be done and what you think the cost would be?
1:04:02 PM	Chairman Schmitt - witness Martin Note: Warfield, Kabrenda	According to, I guess, Mr. Duvall of the other company that was involved, Vanguard, they were in the process of mapping the system because the current employees were unsure where all of the lines were. Will your company be doing that?
1:04:34 PM	Chairman Schmitt - witness Martin Note: Warfield, Kabrenda	And then, when that's completed, will there be a drawing or some type of information, so that when the City takes the system back or you're no longer contracted to provide these services, so that someone will know where the lines actually are?
1:05:02 PM	Chairman Schmitt Note: Warfield, Kabrenda	I have no further questions. Thank you. Anything?

1:05:04 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Nothing further.
1:05:07 PM	Chairman Schmitt Note: Warfield, Kabrenda	You may step down. Thank you.
1:05:20 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	I'd like to briefly recall Ms. Holbrook.
1:05:35 PM	Chairman Schmitt Note: Warfield, Kabrenda	Ms. Holbrook, you're still under oath.
1:05:40 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook Recross Examination. Do you have any dealings with RussMar in your job?
1:05:58 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook And did you ever recommend RussMar to the City of Drakesboro as an operator?
1:06:09 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook Why did you recommend RussMar?
1:06:14 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook Was there any other reason?
1:06:19 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook Do you have any opinion as to their ability to do the job?
1:06:24 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook You heard Mr. Martin testify. Did his testimony indicate to you that they were willing to rectify or remedy the problems, at least, a large part of the problems, that you referenced in your report?
1:06:43 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook Did the scope of work fall short of what you want to be done?
1:07:18 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook Okay, so the basis of your concern, is that related to the identity of the employee?
1:07:33 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook Right, that's my question. Is your concern based on what the identity of that employee is?
1:07:47 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook Do you have a list of employees that you're familiar with or a list of people that you're familiar with that you're comfortable with?
1:08:16 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook Well, I would assume you wouldn't recommend anybody that wasn't qualified?
1:08:24 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook So you recommended RussMar, right?
1:08:31 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook How do you get on that list?
1:08:41 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook So there's no criteria to be on the list?
1:09:00 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook And is it fair to say that you base part of your inclusion on the list based on their prior work?
1:09:12 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook Do you have any problem with RussMar's prior work, to your knowledge?
1:09:30 PM	Atty Driskill Drakesboro - witness Note: Warfield, Kabrenda	Holbrook I just want you to limit your answer to what you know.

1:09:37 PM	Atty Driskill Drakesboro - witness Holbrook Note: Warfield, Kabrenda	You heard Mr. Martin testify about the number of employees that he had. Based on your experience, does he have sufficient manpower to do the job?
1:09:53 PM	Atty Driskill Drakesboro - witness Holbrook Note: Warfield, Kabrenda	You're pretty experienced in this, is that fair to say?
1:10:14 PM	Atty Driskill Drakesboro - witness Holbrook Note: Warfield, Kabrenda	So you don't know how many people it would take to do basic jobs?
1:10:19 PM	Atty Driskill Drakesboro - witness Holbrook Note: Warfield, Kabrenda	That's not part of your training?
1:10:28 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	Those are all my questions for Ms. Holbrook.
1:10:33 PM	Chairman Schmitt Note: Warfield, Kabrenda	Any redirect?
1:10:34 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Yes.
1:10:35 PM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	Redirect Examination. Just to clarify, you were asked if you had recommended RussMar or recommended Vanguard. Is it more accurate to say you just gave a list? You referred some potential third parties to the City?
1:10:49 PM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	You didn't make a specific recommendation on this one or that one?
1:11:34 PM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	And you testified about your only concern being having the qualified person immediately available for response to emergency situations. That's not your only concern? You're talking about the availability of a qualified trained experienced person on site?
1:11:51 PM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	It doesn't mean you don't have very much concern about the lack of a leak survey, for example?
1:11:57 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Okay, just to clarify that. That's it. No further.
1:12:00 PM	Chairman Schmitt Note: Warfield, Kabrenda	Anything, Commissioner Mathews?
1:12:02 PM	Commissioner Mathews Note: Warfield, Kabrenda	No.
1:12:03 PM	Chairman Schmitt Note: Warfield, Kabrenda	I have nothing.
1:12:04 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	I just want to come back to an issue he brought up.
1:12:07 PM	Atty Driskill Drakesboro - witness Holbrook Note: Warfield, Kabrenda	Recross Examination. You said that you had a concern about having enough staff available for emergency situations. My understanding is that you don't know how many staff it takes for any situation, is that correct?
1:12:22 PM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	But you do for emergencies?
1:12:55 PM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	Do the procedures change how many people are actually necessary to do the job?
1:13:01 PM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	What I'm getting at is you're concerned about the emergency response capability of RussMar, is that correct?

1:13:14 PM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	If RussMar has somebody staying in Drakesboro, is that close enough for your liking?
1:13:20 PM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	Do you have any reason to doubt that Mr. Martin is being truthful that somebody is staying in Drakesboro?
1:13:26 PM	Staff Atty Park PSC - witness Holbrook Note: Warfield, Kabrenda	Okay. Thanks, Those are all my questions for her.
1:13:31 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	No further questions.
1:13:33 PM	Chairman Schmitt Note: Warfield, Kabrenda	You may step down. Thank you. Call your next witness.
1:13:36 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	I'll call Mr. Jones.
1:13:47 PM	Chairman Schmitt Note: Warfield, Kabrenda	Witness is sworn.
1:13:55 PM	Chairman Schmitt Note: Warfield, Kabrenda	Please be seated. Mr. Driskill, you may ask.
1:13:58 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Direct Examination. Mr. Jones, what is your role as a City official? What is your job title?
1:14:07 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	And how long have you been Mayor of the City of Drakesboro?
1:14:16 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Is this you first time as Mayor for the City of Drakesboro?
1:14:19 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Prior to that, did you have any role in the operation of the gas system?
1:14:27 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Did you have any direct control over any employees?
1:14:31 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Did you have any direct control over any recordkeeping?
1:14:35 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Did you have any control over any compliance measures?
1:14:38 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	When you became Mayor of Drakesboro, when did you first recognize that there might be some problems?
1:15:27 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	What employees quit on January 3rd?
1:15:38 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	I assume Mr. Brake came back to work?
1:15:42 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	What about the other ones?
1:15:46 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Did they give you a reason why they quit?
1:15:58 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Was Mr. Lindsey still working at that time?
1:16:03 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	And when you initially had this problem on January 3rd, did you speak with the Public Service Commission?
1:16:13 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	What did you inform them?
1:16:39 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	And who gave you the list of contractors in that situation?

1:16:46 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And did you comply with that request?

1:16:49 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda How long did it take you to comply with that request?

1:16:54 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And then, in February, what were the circumstances that led to problems in February?

1:17:05 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda Let's just go back to, I think, there was a date referenced, February the 7th by Mr. Brake, if you can just take us back, what happened on February 7th?

1:17:19 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda When did you first start having contact with Ms. Holbrook?

1:18:23 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda Did she ask you to come to Drakesboro, or did you ask her to come to Drakesboro?

1:18:34 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And so when did she first come to Drakesboro that you're aware of since you've been Mayor?

1:18:45 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda Did she request that you do anything at that first initial visit?

1:18:59 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And did she request you do anything after Mr. Brake quit?

1:19:11 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And so what did you do next on that request?

1:19:29 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda Did she give you a deadline for how long you had to comply with her request?

1:19:37 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda When did she give you a deadline to meet that request?

1:20:16 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda So in that 15-minute deadline, did you pick somebody?

1:20:20 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And who did you pick?

1:20:23 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And so, tell me, what was your contract with them? I know there's been testimony. Can you tell me what your contract was with them?

1:21:06 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda Do you recognize this document?

1:21:14 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda How many documents are there?

1:21:16 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And what are those documents?

1:21:25 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And how much is each bill?

1:21:35 PM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda I would ask this be entered as Defense Exhibit 2.

1:21:40 PM Chairman Schmitt  
Note: Warfield, Kabrenda Any objection?

1:21:41 PM Staff Atty Park PSC  
Note: Warfield, Kabrenda No objection.

1:21:42 PM Chairman Schmitt  
Note: Warfield, Kabrenda Let it be so marked and introduced.

1:21:45 PM DRAKESBORO EXHIBIT 2.  
Note: Warfield, Kabrenda ATTY DRISKILL DRAKESBORO - WITNESS JONES.  
Note: Warfield, Kabrenda VANGUARD INVOICE NOS. 1227 AND 1229.

1:22:08 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda Is \$80,000 or \$81,000 a lot of money for the City of Drakesboro?

1:22:13 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And you guys invested that in the month of February, correct?

1:22:17 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And then, tell me, how did that relationship with Vanguard terminate, or why did it terminate?

1:22:57 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda When did the PSC give you that deadline to have it by that Friday?

1:23:08 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda What did Vanguard want with respect to signing a formal written contract?

1:23:26 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And, within 24 hours, were you able to do that?

1:23:31 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda So, based on you couldn't get the Vanguard contract, what was the next step you took?

1:24:03 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda What was the purpose of that contract? What was your intent in entering into that contract?

1:24:14 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda Did you intend for their to be any work with respect to the current violations or the current deficiencies?

1:24:25 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda And, your contract with RussMar, are you willing to take Mr. Martin's recommendations with respect to capital improvements?

1:24:45 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda I'm going to leave some of the technical things aside. I'm going to show you some documents. I'm going to start out with the first one, which is the Pipeline Safety. It's two pages. Can you just identify what that document is, sir?

1:25:33 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda Are you going to give that document to anybody?

1:25:47 PM Atty Driskill Drakesboro  
Note: Warfield, Kabrenda I'll move to enter that as Defense Exhibit 3.

1:25:52 PM Chairman Schmitt  
Note: Warfield, Kabrenda Any objection?

1:25:53 PM Staff Atty Park PSC  
Note: Warfield, Kabrenda No objection.

1:25:54 PM Chairman Schmitt  
Note: Warfield, Kabrenda Let it be filed as Exhibit 3, Drakesboro Exhibit 3.

1:26:00 PM DRAKESBORO EXHIBIT 3.  
Note: Warfield, Kabrenda ATTY DRISKILL DRAKESBORO - WITNESS JONES.  
Note: Warfield, Kabrenda PIPELINE SAFETY INFORMATION.

1:26:03 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda I know that there has been some talk about substance abuse policies. As the City of Drakesboro, have you guys developed any plan for the City of Drakesboro with respect to substance abuse?

1:26:41 PM Atty Driskill Drakesboro - witness Jones  
Note: Warfield, Kabrenda With respect to the substance abuse testing, can you just give me an outline of what that requires the employees to be subject to?

1:27:13 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	And I'm going to show you, you've probably seen it, show you this document, here, if you could take a look at it, it's the New Start document. What is that document? What is the purpose, or what does that document intend to reflect?
1:27:53 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	And is that a part of your all's files for employees?
1:27:58 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	I'd just ask that that be marked and entered as Defense Exhibit 4.
1:28:02 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	No objection.
1:28:06 PM	Chairman Schmitt Note: Warfield, Kabrenda	Sustained.
1:28:07 PM	DRAKESBORO EXHIBIT 4. Note: Warfield, Kabrenda Note: Warfield, Kabrenda	ATTY DRISKILL DRAKESBORO - WITNESS JONES. A NEW START MEDICATION ASSISTED TREATMENT LETTER.
1:28:09 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	I'm also going to show you this document. It's a pretty large document. We don't have to go through the whole thing, but if you could just identify what that is?
1:28:19 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	And, Counsel, I'm looking at the Emergency Plan. I may have identified that for the witness a little earlier.
1:28:28 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	But could you identify what that is, Mr. Jones?
1:28:47 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	And what does your City intend to do with that plan?
1:29:17 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Is that currently in effect, or when does that come into effect?
1:29:34 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	I would ask that that be entered as Exhibit 5 for the Defense.
1:29:37 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	No objection.
1:29:38 PM	Chairman Schmitt Note: Warfield, Kabrenda	Sustained.
1:29:39 PM	DRAKESBORO EXHIBIT 5. Note: Warfield, Kabrenda Note: Warfield, Kabrenda	ATTY DRISKILL DRAKESBORO - WITNESS JONES. DRAKESBORO GAS EMERGENCY PROCEDURES.
1:29:47 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	I'm going to show you another set of documents. The top one is Regulator Inspection Report. There are three pages. Can you identify those documents, please?
1:30:23 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Okay, and what about the other two?
1:30:33 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Or is that the same document?
1:30:37 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	And I believe - can you check that?
1:30:44 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	And are these part of your City's business records?
1:30:56 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	I'll ask to enter those as Defense Exhibit 5.
1:31:00 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	No objection.

1:31:02 PM	Chairman Schmitt Note: Warfield, Kabrenda	Sustained.
1:31:03 PM	DRAKESBORO EXHIBIT 6. Note: Warfield, Kabrenda Note: Warfield, Kabrenda	ATTY DRISKILL DRAKESBORO - WITNESS JONES. CITY OF DRAKESBORO INSPECTION REPORTS.
1:31:05 PM	Commissioner Mathews Note: Warfield, Kabrenda	It's 6.
1:31:06 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	Six? Thank you.
1:31:08 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	I'm going to show you this document. It's the leak schedule. Can you identify what this document is?
1:32:07 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	And is that schedule currently in effect at the City of Drakesboro?
1:32:39 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	I'd ask that be entered as, I guess, the next one after whatever Ms. Mathews said, whatever that next sequential number is.
1:32:59 PM	Chairman Schmitt Note: Warfield, Kabrenda	Sustained.
1:33:00 PM	DRAKESBORO EXHIBIT 7. Note: Warfield, Kabrenda Note: Warfield, Kabrenda	ATTY DRISKILL DRAKESBORO - WITNESS JONES. DRAKESBORO GAS 2019 SCHEDULE.
1:33:36 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Basically, Mr. Jones, I've shown you all these documents. Why have you guys created all these new policies?
1:34:07 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	There are 35 alleged violations. What is your intent with respect to dealing with those?
1:34:28 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	I think Mr. Park referenced a system for contacting Mr. Martin in the event of any leaks. What is the system going to be between you or the City, I should say, and Mr. Martin, once they become known?
1:35:14 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	And is that line available - what hours can a customer call that line?
1:35:29 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	And Ms. Holbrook referenced some concerns she had about the employee stationed at Drakesboro. What was the name of that employee?
1:35:44 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Mr. Marvin Anderson, do you know anything about his qualifications?
1:36:07 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	During the last week that RussMar has been there, have you seen RussMar do any work?
1:36:31 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	And are you aware of any leaks that have been fixed?
1:37:00 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	I don't mean to beat a dead horse, but I'm just going to ask one more question. With respect to any request the Commission has made to you, have you complied with all those?
1:37:16 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	Those are all my questions for Mr. Jones.
1:37:18 PM	Chairman Schmitt Note: Warfield, Kabrenda	Cross examination, Mr. Park?
1:37:20 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	Cross Examination. Good afternoon, Mr. Mayor.

1:37:23 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda This is your first term as Mayor, and you were elected last November, is that correct?

1:37:29 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda And when did you take office?

1:37:33 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda January 2nd, and prior to that, had you been on the Council, or did you indicate you'd had no role with City government, or had you been a Council person?

1:37:48 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda And, just curious, were the condition of the City's utility systems a campaign issue at all?

1:38:19 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda You indicated you'd had no role in operating the Drakesboro gas system. Do you have any other experience in the gas industry?

1:38:39 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda A different kind of gas?

1:38:41 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Natural gas, I should say. You've not had any experience with natural gas?

1:38:47 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Do you know how old this system is, or when the City first started it?

1:39:03 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda For line locating, is the City a member of the Kentucky Contact Center for 8-1-1 calls?

1:39:12 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda On a going-forward basis for the City to be able to operate the system safely, finances are going to be a key part, not only with the cost of maintenance but the costs of capital construction projects. How are the gas system's finances, just in general?

1:40:08 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Are gas revenues and gas expenses tracked separately from other City revenues and expenses? In other words, can the City look at it and say we're charging enough to cover our operations plus having some to improve the system?

1:40:34 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Billed separately?

1:40:35 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Do they go into separate accounts, or, at least, on paper, they're -

1:40:39 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda What about expenses? Does the City try to break down, like Mr. Shaw does, 60 percent of his time in gas, will assign 60 percent of the personnel cost for him to gas and 40 percent to the others? Does the City try to do that?

1:41:50 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda For 2018 or for a period before the accountants left, do you have an idea what the total gas revenues would have been in 2018?

1:42:15 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Who was the City's gas supplier?

1:42:30 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Do you know what the current rate per Mcf that the City pays for gas?

1:43:20 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Do you use the City's cost of gas in pricing the gas that's distributed to the customers?

1:43:36 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda The amount charged to customers?

1:43:48 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda A set rate that's not based on the current cost to run the system?

1:44:09 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Does the City charge different rates for residential versus commercial?

1:44:29 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda But as far as the gas provided, the rate would be the same?

1:44:35 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Are there any issues with free or discounted gas that's given away?

1:45:12 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda You can't tell how much gas that customer's using?

1:45:21 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Is it fair to say that that type of situation would also prevent you from telling how much of the gas you buy you actually deliver to your customers and how much gas you buy is actually leaking out of the system without knowing how much the customers are getting?

1:45:46 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda And you mentioned that the first time Mr. Brake quit there were two other employees who quit with him, is that correct?

1:45:58 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Were they involved in the gas system as well?

1:46:10 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda And what are the circumstances, from your perspective, that led Mr. Brake to quit?

1:46:16 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Both times.

1:48:15 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda And that was the second time he quit?

1:48:24 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda What are the current job duties of Dee Sims, Donald Sims?

1:48:53 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Is that the same case with Mr. Shaw, too?

1:49:02 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda Now, I think I heard you testify today that you first made contact with RussMar in January, is that correct?

1:49:11 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda I had understood it was closer to the February timeframe, and what caused you to contact RussMar in January initially? And that was, pardon me, that was before you had spoken with Ms. Holbrook, is that correct?

1:50:09 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda And that was just for temporary coverage until you could bring in an operator?

1:50:20 PM Staff Atty Park PSC - witness Jones  
Note: Warfield, Kabrenda And, last week, the Commission opened this case on Wednesday, which was February 28, and the reason stated in the Order is that staff had word that the third-party operator on site, Vanguard, was going to be leaving Friday if there was no contract, so I think that's what prompted the filing of it. The contract that you all filed with RussMar was that taken up or considered by the City Council ?

1:51:39 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	The date was, as I understand it, the Order went out last Wednesday, February 28, and, by that time, staff was aware there was no contract, and, if a contract was not entered into, Vanguard had announced its intentions to leave the job.
1:51:57 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	The 28th was a Thursday.
1:51:59 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Thrusday? Okay, I stand corrected.
1:52:01 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	Friday was the 1st.
1:52:03 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Okay, I stand corrected.
1:52:12 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	Yeah, the Order went out on the 28th, correct. Do you know, the City of Drakesboro, what type of city government it has? Is it a city mayor plan, a commissioner plan?
1:52:27 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	Mayor-Council plan, and you indicated that, currently, if a customer's got a leak problem, they call a number that goes directly to you?
1:52:46 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	Even if it's three o'clock in the morning, you deal with that?
1:52:50 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	And so the plan is to eventually have that number received by some sort of operator or call center, or is it still going to be just an individual who -
1:53:14 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	How are t hose calls logged as they come in?
1:53:29 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	And the reason I ask that is I suspect that, going forward, staff is going to want some sort of report that shows the tracking of leak calls, when does the report come in, how soon is it acted upon, and when is the problem fixed, just so that we can see how that process as this goes forward is being handled.
1:53:51 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	And, currently, is the fire department involved at all when a leak report comes in?
1:54:31 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	Then, on the 9-9-1-1 call, is that a city number that is provided to gas customers? How do the gas customers know what number to call?
1:54:42 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	Oh, okay.
1:54:45 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	I know it's not 9-9-1-1. I misspoke, but the phone that you have that you receive reports, what number is that?
1:55:00 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	Could you clarify, in the future, how those calls will be received and handled? Are youg going to continue to be the point person for taking those calls?
1:55:41 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	In the previous testimony, we've heard about the Agreement with RussMar. Is it your understanding that the Agreement provides for and pays for one full-time person to be assigned to the Drakesboro Gas System in Drakesboro?

1:56:36 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	Mr. Martin testified that the fee that's being paid covers things like monitoring and identifying leaks, monitoring odorant levels when odorant needs to be added, but he indicated there would have to be an additional City authorization for RussMar to proceed to repair leaks and to add odorant and that these would be billed according to the price sheet attached to the contract. Would the City be willing to preauthorize RussMar to not only identify the leak but to fix it?
1:57:38 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	And I understand that the goal of the City is to reach a point where it has its own qualified operators experienced, trained with the skills and knowledge to operate the system, is that a fair statement?
1:57:54 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	Chairman, I'm just not sure that - obviously, this is the Mayor, but he can't speak to what the Council's intent is, and so the Council has a role in that, so I think that to ask him what the Council would vote or not vote, I just don't think that's a fair assumption for him to be able make. If he wants to make that assumption, fine, but I just don't think it's competent evidence given that there is a Council that has to vote. That's like asking Donald Trump what the House is going to vote. It's just not -
1:58:26 PM	Chairman Schmitt Note: Warfield, Kabrenda	It's like asking what would they think about this.
1:59:07 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	Will the Council vote on this contract to either ratify it or just to signify their approval? I know you've executed it, but are there plans for the Council to take this up at a meeting where they have a quorum?
1:59:59 PM	Staff Atty Park PSC - witness Jones Note: Warfield, Kabrenda	No further questions.
2:00:04 PM	Chairman Schmitt Note: Warfield, Kabrenda	Commissioner Mathews?
2:00:06 PM	Commissioner Mathews - witness Jones Note: Warfield, Kabrenda	Examination. Were you alarmed there were 103 calls with gas leaks?
2:00:41 PM	Commissioner Mathews Note: Warfield, Kabrenda	That's all I have.
2:00:42 PM	Chairman Schmitt - witness Jones Note: Warfield, Kabrenda	Examination. So when's your next City Council meeting?
2:01:00 PM	Chairman Schmitt - witness Jones Note: Warfield, Kabrenda	It's important that this contract be ratified, implemented on some basis. It's could out there, and so nobody wants - everybody wants to see your system operate, but, by the same token, you've got to operate it safely. (Click on link for further comments.)
2:02:42 PM	Chairman Schmitt - witness Jones Note: Warfield, Kabrenda	That's all I can say. I don't know if when you go to your City Council meeting - do you have a City Attorney?
2:02:50 PM	Chairman Schmitt - witness Jones Note: Warfield, Kabrenda	Is that Mr. Driskill?
2:02:51 PM	Chairman Schmitt - witness Jones Note: Warfield, Kabrenda	I was going to say, if it's somebody other than Mr. Driskill, maybe Mr. Driskill could attend and discuss the seriousness of the situation.
2:03:07 PM	Chairman Schmitt Note: Warfield, Kabrenda	Okay. Yes, sir?

2:03:09 PM	Atty Driskill Drakesboro - witness Jones Note: Warfield, Kabrenda	Redirect Examination. Just briefly on the point of the contract, Mr. Jones, before you entered into that contract, did you have any knowledge whether the Kentucky League of Cities indicated in an opinion as to whether you could execute that contract just on your own just by virtue of your own executive authority?
2:03:52 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	That's all my questions.
2:03:55 PM	Chairman Schmitt Note: Warfield, Kabrenda	Okay. Anything else?
2:03:57 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Nothing further.
2:03:59 PM	Chairman Schmitt Note: Warfield, Kabrenda	You may step down. Thank you.
2:04:01 PM	Chairman Schmitt Note: Warfield, Kabrenda	Do you have anything else, Mr. Driskill?
2:04:05 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	No, sir.
2:04:13 PM	Chairman Schmitt Note: Warfield, Kabrenda	I'm going to ask each party to maybe make about a three- to five-minute statement. Do you need some time to talk with your people?
2:04:21 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Yes, Your Honor, I'd like to consult with Inspections.
2:04:25 PM	Chairman Schmitt Note: Warfield, Kabrenda	Why don't we take until 2:15, five minutes, because I want to hear what the Staff's position is and then hear from you, so we'll be in recess until 2:15.
2:04:42 PM	Session Paused	
2:15:34 PM	Session Resumed	
2:15:35 PM	Chairman Schmitt Note: Warfield, Kabrenda	Okay, we're back on the record. I guess, Mr. Park, we'll let you go first, and, if you have recommendations or whatever your client thinks, let us know.
2:15:52 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Mr. Chairman, Commissioner, I have consulted with members of the Division of Inspections Staff, and we do have several recommendations for the Commission's consideration.
2:16:00 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	First, it's our recommendation that the City be required to have a dedicated third-party operator from RussMar on site, local, available for emergency calls 24/7 and actually at the City's gas system in Drakesboro during regular business hours.
2:16:23 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Staff also recommends that the City be required to provide the name of the dedicated RussMar employee as well as that employee's credentials/qualifications and operator qualification certifications. Staff recommends that the City be required to notify Staff of any change in that dedicated employee.
2:16:52 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Staff also recommends that the City be required to submit to Staff a weekly progress report which would include information - and this is something the Staff can work out with the City - but would include information such as the number of leak reports, actions taken, response time, as well as odor tests when odorant is added, just so Staff can have some sense that progress is being made.

2:17:28 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Another recommendation we have is how emergency calls are handled. Currently, they're going straight to the Mayor, and we do not think that is an appropriate system for gas safety emergencies. This may not be able to be done immediately, but those calls are going to need to go the operator, to the gas operator.
2:17:50 PM	Chairman Schmitt Note: Warfield, Kabrenda	You're talking about that would be RussMar? Is that who you're talking about?
2:17:54 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Yes, Your Honor.
2:18:00 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Commission Staff recommends that the City be required to preauthorize, to the extent necessary, preauthorize RussMar to perform leak repairs and any other emergency operations that are not covered by the single management.
2:18:23 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	Finally, one more thing, that the City be required to perform a leak survey of its entire system within 30 days.
2:18:41 PM	Chairman Schmitt Note: Warfield, Kabrenda	Mr. Driskill, do you have a response, or do you need to take a few minutes? We can do that.
2:18:52 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	No, Judge, I think -
2:18:55 PM	Chairman Schmitt Note: Warfield, Kabrenda	If you need some time, because I know this is -
2:18:58 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	No, we didn't have time to eat lunch, so we shouldn't take time to do this.
2:19:04 PM	Commissioner Mathews Note: Warfield, Kabrenda	You're not the only one.
2:19:07 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	I don't want to give you guys time to eat lunch if I don't have time.
2:19:13 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	No. I think those recommendations are very reasonable. I appreciate the recommendations. The goal here is not for us to get out of anything; it's to make the situation right.
2:19:26 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	With respect to the RussMar employee, I think that's been identified, but if you want a formal pleading with the identification outside of here, that's fine. We'll happily provide any changes to the employee's status.
2:19:39 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	We'll happily change the calls to RussMar so long as they are willing to anticipate that they can just have the phone.
2:19:48 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	With respect to the survey, I don't think that's a problem.
2:19:52 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	With respect to the weekly reports, I do think weekly is a little bit much. You know, we're talking a small City. I would think bi-weekly is better, but if the Commission says otherwise, I don't think we're going to be terribly upset about that.

2:20:04 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	And, with respect to the preauthorizations, I do have a small problem with that, not because we want to not do the work, but you have a non-flat fee schedule that's in the contract. For example, and I'm not saying RussMar would do this, I don't think they would, but to have just a blanket preauthorization, I think there may be some room for negotiation on that. (Click on link for further comments.)
2:21:11 PM	Chairman Schmitt Note: Warfield, Kabrenda	If you had a Grade 1 leak in the business district, you'd have to fix that within a reasonable - that's just a federal regulation.
2:21:17 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	But a Grade 3 maybe or a Grade 2 maybe, I don't want to have to say, you know, maybe the budget - I just think that a blanket preauthorization, you need to be careful with that, and I don't think it's reasonable to give just a blanket preauthorization. Some reasonable way to do it I think we are okay with.
2:21:32 PM	Chairman Schmitt Note: Warfield, Kabrenda	I understand, sure.
2:21:34 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	We just want to be fair about it, and those are my closing remarks.
2:21:39 PM	Staff Atty Park PSC Note: Warfield, Kabrenda	And, Your Honor, it's just Staff's concern, we don't want RussMar to have to wait around with a leaking gas pipe for authorization to fix it. We understand the concerns.
2:21:47 PM	Chairman Schmitt Note: Warfield, Kabrenda	Yeah, I understand, but I also understand, too, if there's a leak out in a 15-acre field, it's different than if it's in the middle of whatever it is, a Walmart parking lot or something.
2:21:58 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	If it's a 1, for sure, right.
2:22:03 PM	Chairman Schmitt Note: Warfield, Kabrenda	Okay. What about the leak survey? We better talk to our contractor back there. Do you know how long it would take to do a leak survey of the City, of the City system?
2:22:17 PM	Mr. Martin RussMar Note: Warfield, Kabrenda	My estimate is two weeks. Obviously, we need above-freezing temperatures to be able to do that to make sure the ground's not frozen, but I think a two-week timeframe.
2:22:27 PM	Chairman Schmitt Note: Warfield, Kabrenda	If we had 30 days, and then if somehow the temperature or storms or something caused a problem, you could let - Mr. Driskill could just file a two-line motion or something and set out the situation. I don't think anybody plans on being unreasonable about that.
2:22:46 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	Right, we could just add a preauthorization for attorney's fees, just let me set the rate, and preauthorize it, if you don't mind.
2:22:53 PM	Mr. Martin RussMar Note: Warfield, Kabrenda	Obviously, we'll do the best -
2:23:05 PM	Chairman Schmitt Note: Warfield, Kabrenda	Is there anything else, anything else anyone? I appreciate you all coming up here on a day like today on very short notice. However, the circumstances were such that I think we needed to understand what the present system was. (Click on link for further comments.)

2:23:44 PM	Atty Driskill Drakesboro Note: Warfield, Kabrenda	I just want to say one thing, I'm not saying I did but somebody contacted the Kentucky League of Cities before that contract was executed, and it was their opinion that, based on the type of plan that they had, it wasn't a city/city administrator, it was a mayor/council plan, that he had the executive authority vested in him to make that without council approval.
2:24:04 PM	Chairman Schmitt Note: Warfield, Kabrenda	Okay, all right. If there's nothing else, once again, everybody have a good weekend as much as possible with the type of weather. Let's hope everything works out fine.
2:24:15 PM	Chairman Schmitt Note: Warfield, Kabrenda	This hearing is hereby adjourned.
2:24:20 PM	Session Paused	
2:24:25 PM	Session Ended	

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<b>Name:</b>	<b>Description:</b>
Commission Staff Exhibit 1	City of Drakesboro 2017 and 2018 Leak Survey.
Commission Staff Exhibit 2	Agreement for Operations Maintenance and Management Services - Drakesboro and RussMar
Drakesboro Exhibit 1	Industrial Training Services - Official Transcript Request.
Drakesboro Exhibit 2	Vanguard Invoice Nos. 1227 and 1229.
Drakesboro Exhibit 3	Pipeline Safety Information.
Drakesboro Exhibit 4	A New Start Medication Assisted Treatment Letter.
Drakesboro Exhibit 5	Drakesboro Gas Emergency Procedures.
Drakesboro Exhibit 6	City of Drakesboro Inspection Reports.
Drakesboro Exhibit 7	Drakesboro Gas 2019 Schedule.

12/4-12/6 2017

The city of Drakesboro Natural Gas system conducted a survey of the natural gas pipeline and services described in the following report.

The leak survey was conducted in accordance to the U.S, Department and office of pipeline specifications under the guidance of Eddie Brake. All surveillance was conducted with his knowledge of pipeline and service location.

Survey locations was in the communities of Drakesboro, Browder, and Ebenezer with all having a Drakesboro address.

Class 1 leaks 0      Class 2 leaks 0      Class 3 leaks 1

Residential services inspected    Yes

Commercial address inspected    Yes

Industrial services inspected    Yes

Number of main leaks found      0

Survey conducted by Jordan Shaw      Witness Blake Biscomb

All leaks were documented on report. Overall condition of pipeline and services were in good condition. The survey covered Section #5 of Drakesboro five year survey plan.

All business districts were surveyed and all commercial buildings were surveyed.

Heath Decto-Pak 4 was used for survey.

Survey conducted by Jordan Shaw      Survey witnessed by Blake Biscomb

City Of Drakesboro

Leak Survey summary

Leak survey method Flame Ion -Walking

Location Drakesboro Ky      Started 12/4-12/6 20118

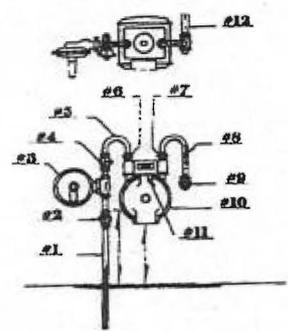
Conducted by Jordan Shaw      Witness Blake Biscomb

Leak location and grade summary

Grade	above ground	below ground	total
1	0	0	0
2	0	0	0
3	0	1	1
Total	0	1	1

Address | 516 Hwy 431 N | City/County | Drakeboro | State/Dist | Ky

Case # | Date | 12/6/18  
 Classification | Grade 1  Grade 2  Grade 3   
 Meter # |  Inside  Outside



#1 Riser | #2 HP Cock | #3 Regulator  
 #4 LP Cock | #5 Inlet Loop | #6 Inlet Cap/Swivel  
 #7 Out Cap/Swivel | #8 Outlet Loop | #9 Fuel Line Fitting  
 #10 Gas Meter | #11 Index | #12 Fuel Line

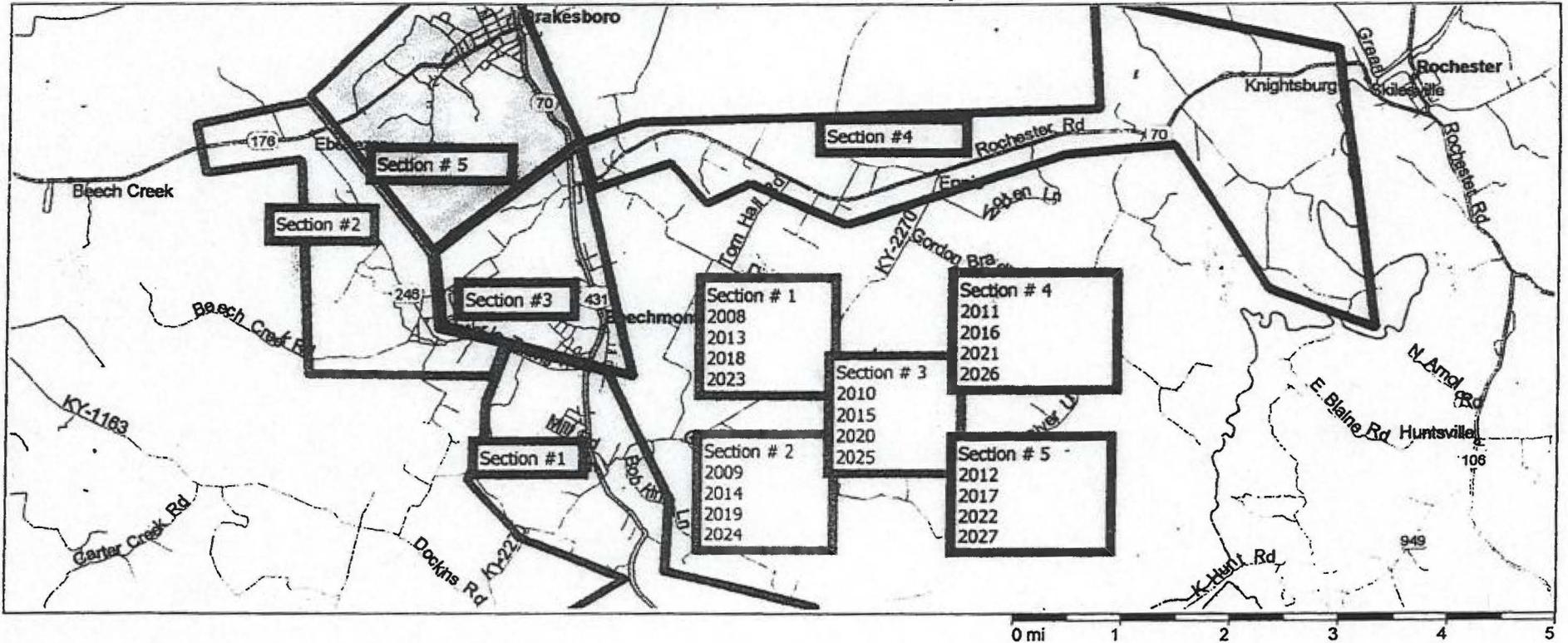
Detection	Location		Soil Sub	CGI/EGD	Pressure	Surface	Pipe	Size	Weather Conditions
<input type="checkbox"/> Mobile FI <input checked="" type="checkbox"/> Flame Pack <input type="checkbox"/> Visual <input type="checkbox"/> CGI/EGD <input type="checkbox"/> Odor <input type="checkbox"/> Other	<input type="checkbox"/> Inside Bldg <input checked="" type="checkbox"/> Outside Bldg <input type="checkbox"/> Manhole <input checked="" type="checkbox"/> Underground <input type="checkbox"/> Atmosphere <input type="checkbox"/> Other	<input type="checkbox"/> Main <input checked="" type="checkbox"/> Service <input type="checkbox"/> Tap <input type="checkbox"/> Valve <input type="checkbox"/> Meter Ctr <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Rock <input type="checkbox"/> Cinder <input checked="" type="checkbox"/> Clay <input type="checkbox"/> Loam <input type="checkbox"/> Sand <input type="checkbox"/> Alluvion	<input type="checkbox"/> % Gas <input type="checkbox"/> LEL <input type="checkbox"/> UEL <input type="checkbox"/> PPM <input type="checkbox"/> Other	<input type="checkbox"/> SP (0-1) <input type="checkbox"/> IP (1-30) <input checked="" type="checkbox"/> MP (31-60) <input type="checkbox"/> HP (61-99.9) <input type="checkbox"/> XHP (100-399) <input type="checkbox"/> XXHP (400-900)	<input type="checkbox"/> Grass <input checked="" type="checkbox"/> Dirt <input type="checkbox"/> Asphalt <input type="checkbox"/> Concrete <input type="checkbox"/> Sidewalk <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> PE <input type="checkbox"/> Cast Iron <input type="checkbox"/> CSST <input type="checkbox"/> Other <input type="checkbox"/> Size	<input type="checkbox"/> .5-.75 <input checked="" type="checkbox"/> 1-1.25 <input type="checkbox"/> 1.5-2 <input type="checkbox"/> 2.5-3 <input type="checkbox"/> 3.5-4 <input type="checkbox"/> 4.5-6 <input type="checkbox"/> 8-12	<input checked="" type="checkbox"/> Sunny <input type="checkbox"/> Overcast <input type="checkbox"/> Cloudy <input type="checkbox"/> Misting <input type="checkbox"/> Rainy <input type="checkbox"/> Hot (85-100) <input type="checkbox"/> Cold (0-40)

Leak Cause	Component/Explanation	Part of System	Pipe & Size	Location Area	Repair Data
<input checked="" type="checkbox"/> Corrosion <input type="checkbox"/> Outside Force <input type="checkbox"/> Const/Defect <input type="checkbox"/> Material Defect <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Pipe <input type="checkbox"/> Valve <input type="checkbox"/> Fitting <input type="checkbox"/> Drip <input type="checkbox"/> Regulator <input type="checkbox"/> Tap Connection <input type="checkbox"/> Other	<input type="checkbox"/> Transmission <input type="checkbox"/> Main <input checked="" type="checkbox"/> Service <input type="checkbox"/> Meter Set <input type="checkbox"/> Customer Pipe <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Cast Iron <input type="checkbox"/> Ductile Iron <input type="checkbox"/> Copper <input type="checkbox"/> Plastic <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Residential <input type="checkbox"/> Rural <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial	Number of Leaks: <input checked="" type="checkbox"/> 1-2 <input type="checkbox"/> 3-4 <input type="checkbox"/> 5-6 <input type="checkbox"/> 7-Greater Date Repaired: Date Rechecked: <input type="checkbox"/> Yes <input type="checkbox"/> No

Remarks | LEAK IN GROUND STILL BEING MONITORED

Grade	Definition	Action Criteria	Examples
1	A leak that represents an existing or probable hazard to persons or property, and requires immediate repair or continuous action until the conditions are no longer hazardous.	<p>Requires prompt action to protect life and property, and continuous action until the conditions are no longer hazardous.</p> <p>* The Prompt action in some instances may require one or more of the following</p> <ul style="list-style-type: none"> <li>a. Implementation of company emergency plan (192.615)</li> <li>b. Evacuating premises</li> <li>c. Blocking off an area</li> <li>d. Rerouting traffic</li> <li>e. Eliminating sources of ignition</li> <li>f. Venting the area</li> <li>g. Stopping the flow of gas by closing valves or other means</li> <li>h. Notifying police and fire departments</li> </ul>	<ol style="list-style-type: none"> <li>1. Any Leak which in the judgment of operating personnel at the scene, is regarded as an immediate hazard.</li> <li>2. Escaping gas that has ignited.</li> <li>3. Any indication of gas which has migrated into or under a building or into a tunnel.</li> <li>4. Any Reading at the Outside wall of a building or where gas would likely migrate to an outside wall of a building.</li> <li>5. Any reading of 80% LEL, or greater in a confined space.</li> <li>6. Any reading of 80% LEL, or greater in small substructures (other than gas associated substructures) from which gas would likely migrate to the outside wall of a building.</li> <li>7. Any leak that can be seen, heard, or felt and which is in a location that may endanger the general public or property.</li> </ol>
2	A leak that is recognized as being nonhazardous at the time of detection, but justifies scheduled repair based on probable future hazard.	<p>Leaks should be repaired or cleared within one calendar year, but no later than 15 months from the date the leak was reported. In determining the repair priority, criteria such as the following should be considered.</p> <ul style="list-style-type: none"> <li>a. Amount and migration of gas.</li> <li>b. Proximity of gas to buildings and sub-surface structures.</li> <li>c. Extent of pavement.</li> <li>d. Soil type, and soil conditions (such as frost cap, moisture and natural venting).</li> </ul> <p>Grade 2 leaks should be reevaluated in at least once every six months until cleared. The frequency of reevaluation should be determined by the location and migration of the leakage condition.</p> <p>Grade 2 leaks may vary greatly in degree of potential hazard. Some Grade 2 leaks, when evaluated by the above criteria, may justify scheduled repair within the next 3 working days. Others may justify repair within 30 days. During the working day on which the leak is discovered, these situations should be brought to the attention of the individuals responsible for scheduling leak repair.</p> <p>On the other hand, many Grade 2 leaks, because of their location and magnitude, can be scheduled for repair on a normal routine basis with periodic reinspection as necessary.</p>	<p><i>A. Leaks Requiring action Ahead of Ground Freezing or Other adverse Changes in Venting Conditions.</i></p> <p>Any leak which, under frozen or other adverse soil conditions, would likely migrate to the outside wall of a building.</p> <p><i>B. Leaks Requiring Action Within Six Months</i></p> <ol style="list-style-type: none"> <li>1. Any reading of 40% LEL, or greater, under a sidewalk in a wall-to-wall paved area that does not qualify as a Grade 1 leak.</li> <li>2. Any reading of 100% LEL, or greater, under a street in a wall-to-wall paved area that has significant gas migration and does not qualify as a Grade 1 leak.</li> <li>3. Any reading less than 80% LEL in small substructures (other than gas associated substructures) from which gas would likely migrate creating a probable future hazard</li> <li>4. Any reading between 20% LEL and 80% LEL in a confined space.</li> <li>5. Any reading on a pipeline operating at 30 percent SMYS, or greater, in a CIASS3 or 4 location, which does not qualify as a grade 1 leak.</li> <li>6. Any reading of 80% LEL, or greater, in gas associated substructures,</li> <li>7. Any leak which, in the judgment of operating personnel at the scene, is of sufficient magnitude to justify scheduled repair.</li> </ol>
3	A leak that is non-hazardous at the time of detection and can be reasonably expected to remain non-hazardous.	These leaks should be reevaluated during the next scheduled survey, or within 15 months of the date reported, whichever occurs first, until the leak is regraded or no longer result. in a reading.	<p><i>Leaks Requiring Reevaluation At Periodic Intervals.</i></p> <ol style="list-style-type: none"> <li>1. Any reading of less than 80% LEL in small gas associated substructures,</li> <li>2. Any reading under a street in areas without wall-to-wall paving where it is unlikely the gas could migrate to the outside wall of a building.</li> <li>3. Any reading of less than 20% LEL in a confined space.</li> </ol>

# Drakesboro's Five Year Survey Plan



**AGREEMENT FOR  
OPERATIONS, MAINTENANCE AND MANAGEMENT SERVICES**

THIS AGREEMENT made and effective this day of March 1, 2019, by and between:

**The City of Drakesboro**, a political subdivision of the State of Kentucky, with its principal address as 212 Mose Rager Street, Drakeboro, Kentucky 42167 (hereinafter "CITY")

and

**RussMar Utility Management**, with its principal address at 2371 Irvine Road, Richmond, Madison County, Kentucky, (hereinafter "RUSSMAR").

**WHEREAS**, the CITY owns and provides for the operation of the public works systems which includes: the CITY's wastewater treatment plant, water treatment plant, sewer collection system, lift stations and siphons, potable water storage and distribution system, natural gas distribution system, and water and gas meter reading, all as more particularly described in Appendix B (hereinafter collectively the "Project"); and

**WHEREAS**, CITY and RUSSMAR desire to enter into an agreement, the contractual relationship between the parties, in accordance with terms and conditions set forth herein;

**NOW, THEREFORE**, in consideration of the mutual covenants and agreements hereinafter set forth, CITY and RUSSMAR agree as follows:

**1. General**

1.1 Definitions of words and phrases used in this Agreement and the attachments are contained in Appendix A.

1.2 All land, buildings, facilities, easements, licenses, rights-of-way, equipment and vehicles presently or hereinafter acquired or owned by CITY shall remain the exclusive property of CITY unless specifically provided for otherwise in this Agreement.

1.3 This Agreement shall be governed by and interpreted in accordance with the laws of the State of Kentucky.

1.4 This Agreement shall be binding upon the successors and assigns of each of the parties. RUSSMAR shall not assign, sublet or transfer all or any portion of this Agreement without the prior written consent of the CITY.

1.5 All notices shall be in writing and transmitted to the party's address stated above. All notices shall be deemed effectively:

a. when delivered, if delivered personally or by courier mail services, i.e., Federal Express or DHL;

b. when delivered when such notice has been deposited in the United States mail postage prepaid, if mailed certified or registered U.S. mail, return receipt requested; or

c. when received by the party for which notice is intended if given in any other manner.

1.6 This Agreement, including Appendices, is the entire Agreement between the parties. This Agreement may be modified only by written agreement signed by both parties. Wherever used, the terms "RUSSMAR" and "CITY" shall include the respective officers, agents, directors, elected or appointed officials and employees and, where appropriate, subcontractors. Only the Commission of the CITY has the authority to modify this Agreement upon a vote at a public meeting.

1.7 If any term, provision, covenant or condition of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remainder of the provisions shall remain in full force and effect and shall in no way be affected, impaired or invalidated.

1.8 It is understood that the relationship of RUSSMAR to CITY is that of independent contractor. The services provided under this Agreement are of a professional nature and shall be performed in accordance with good and accepted industry practices for contract operators similarly situated. However, such services should not be confused with engineering services and nothing herein is intended to imply that RUSSMAR is to supply professional engineering services to CITY unless specifically stated in this Agreement to the contrary.

1.9 Nothing herein is intended by the parties to amend, modify or otherwise change any legal obligation owed by one party to the other which has heretofore matured or vested under the Existing Contract Documents.

1.10 Nothing in this Agreement shall be construed to create in any third party or in favor of any third party any right(s), license(s), or privilege(s).

1.11 Each party shall designate in writing an employee or other representative of the designating party who shall have full authority to render decisions promptly and furnish information expeditiously to the other party when necessary.

## **2. RUSSMAR's Services – General**

2.1 RUSSMAR will staff the Project with employees who have met appropriate licensing and certification requirement of the State of Kentucky.

2.2 RUSSMAR will provide ongoing training and education for appropriate personnel in all necessary areas of modern public works, water and/or wastewater process control, maintenance, safety and supervisory skills.

2.3 Within thirty (30) days after RUSSMAR begins service under this Agreement, RUSSMAR will provide a physical inventory of CITY's vehicles and equipment in use at the Project and a general statement as to the condition of each vehicle or piece of equipment.

2.4 RUSSMAR shall operate, maintain and/or monitor the Project on a 24-hour per day, seven day per week schedule.

2.5 Visits may be made at any reasonable time by CITY's officers and employees. CITY shall at all times have keys to the Project. All visitors to the Project shall comply with RUSSMAR's operating and safety procedures.

2.6 RUSSMAR will implement and maintain an employee safety program in compliance with applicable laws, rules and regulations and make recommendations to CITY regarding the need, if any, for CITY to rehabilitate, expand or modify the Project to comply with governmental safety regulations applicable to RUSSMAR's operations hereunder and federal regulations promulgated pursuant to the Americans with Disability Act ("ADA"). Nothing herein shall be construed to place upon RUSSMAR a duty to find and report violations of either the safety laws or the ADA at the Facility to any federal or state agency.

2.7 RUSSMAR may modify the process and/or facilities to achieve the objectives of this Agreement, provided, however, no modification shall be without CITY's prior written approval if the complete modification Cost shall be in excess of Two Thousand (\$2,000.00) Dollars.

2.8 In an emergency affecting the safety of persons or property, RUSSMAR may act without written authorization of a Change of Scope, at RUSSMAR's discretion, to prevent threatened damage, injury or loss. CITY shall compensate RUSSMAR for any such emergency work notwithstanding the lack of a written authorization. Such compensation shall include RUSSMAR's non-labor direct Cost for the emergency work. Nothing contained in this Section shall impose upon RUSSMAR a duty to perform any emergency work absent a modification of the Scope of Work approved by the CITY and failure to perform any such emergency work shall not impose upon RUSSMAR any liability for errors and omissions.

2.9 As required by law, permit or court order, RUSSMAR will prepare all necessary reports related to performance of the Public Works System and submit them to CITY for signature and transmittal to appropriate authorities. RUSSMAR will assist the CITY with the timely application for all necessary environmental permits and extensions of environmental permits for the operation of the Public Works system including the Water and Sewer System.

2.10 RUSSMAR will provide laboratory testing and sampling presently required by plant performance portions of the NPDES permit, the Clean Water Act, the Safe Drinking Water Act, and/or any federal, state or local rules and regulations, statutes or ordinances, permit or license requirements or judicial and regulatory orders and decrees, including, but not limited to, required testing and sampling for the gas system, sanitation collection and storm water management. Any changes in testing requirements by regulatory agencies in the above systems will result in a scope change.

2.11 RUSSMAR will provide for the collection and hauling of screenings, grit, sludge and scum to the Recycling Center located in the Industrial Park which is owned by CITY. It shall be the sole right and responsibility of CITY to designate, approve or select landfill facilities to be used by RUSSMAR for CITY's waste materials. All waste and/or by-product collected, treated and/or generated during RUSSMAR's performance of services is and shall remain the sole and exclusive property of CITY. All manifests or other documentation required for disposal of sludge shall be signed by or in the name of the CITY.

2.12 Upon request of CITY or as it shall deem necessary, RUSSMAR will provide a listing of recommended capital improvements required for the Project. RUSSMAR will not be relieved of its responsibility to perform if the recommendations are not implemented; provided, however, the failure to meet effluent requirements (or other damage or injury) resulting from the failure to make recommended capital improvements necessary to meet federal, state or local laws, rules or regulations for the safety of persons in or about the facilities and to meet ADA requirements shall not be optional for the CITY. If approved, the CITY will make arrangements for the design and construction of said improvements.

2.13 Services that are the subject of this Agreement are budgeted as 1,520 actual straight time man-hours per payroll period (consisting of a two (2) successive week period). Overtime hours in excess of those budgeted caused by abnormal excessive natural events, including but not limited to an act of God, excessive snowfall, tornado or flood, shall be billed to the CITY on a monthly basis with mark-up including additional taxes, fees or insurance resulting from the extra money paid, i.e., FICA, unemployment insurance, workers compensation. An "actual straight time man-hour" shall mean an actual hour of labor by one person unburdened by vacation, holiday or other leave allowance.

2.14 Subject to the availability of funds in the Maintenance and Repair Limit, RUSSMAR shall maintain and repair only the motor vehicles and equipment solely used in support of the Project (whether owned by CITY or RUSSMAR).

2.15 RUSSMAR shall maintain all records and documents required specifically herein and such other documents concerning the operation of the CITY's Public Works Department such that they may be inspected by the CITY upon reasonable notice.

### **3. RUSSMAR Scope of Services – Natural Gas Distribution System**

3.1 The scope of RUSSMAR's service for the field service division shall be as designated in Appendix \_\_\_\_.

3.2 Costs (other than labor) associated with the services described in this Article shall be charged to the Maintenance and Repair Limit.

### **4. CITY'S Duties**

4.1 The CITY shall fund all necessary Capital Expenditures. Priority shall be given to safety and the ADA related expenses described in Section 2.11. Any loss, damage, or injury resulting from CITY's failure to provide capital improvements and/or funds in excess of the Maintenance and Repair Limit when reasonably requested by RUSSMAR, shall be the sole liability of CITY.

4.2 The CITY shall keep in force all Project warranties, guarantees, easements and licenses that have been granted to CITY and are not transferred to RUSSMAR under this Agreement.

4.3 The CITY shall pay all sales, excise, ad valorem, property, franchise, occupational and disposal taxes, or other taxes associated with the Project other than taxes imposed upon RUSSMAR's net income and/or payroll taxes for RUSSMAR employees, as set forth in Section 2.8, taxes imposed on RUSSMAR owned equipment and/or sales taxes on items purchased by RUSSMAR for the project.

4.4 The CITY shall provide RUSSMAR, within a reasonable time after request and on an "as available" basis, with the temporary use of any piece of CITY's heavy equipment that is available so that RUSSMAR may discharge its obligations under this Agreement in the most cost-effective manner.

4.5 CITY shall provide all registrations and licenses for CITY's vehicles used in connection with the Project.

4.6 CITY shall provide for RUSSMAR's exclusive use of all vehicles and equipment presently in full time use at the Project and any replacement if necessary.

4.7 CITY shall provide the Project with appropriate security personnel and/or devices to protect against any losses resulting from the theft, damage, or unauthorized use of property owned by CITY and shall accept liability for such losses.

4.8 The CITY shall pay all costs for water, sewer user fees, natural gas deodorizers and natural gas for the Project.

4.9 The CITY shall provide for RUSSMAR access to all easements, right-of-ways, and access to discharge RUSSMAR's obligation under this Agreement.

## **5. COMPENSATION**

5.1 RUSSMAR's compensation under this Agreement shall consist of an Annual Management Fee. For the first year of this Agreement, RUSSMAR's Annual Management Fee is \$135,000. This management fee represents one qualified person and management fee only. The CITY shall pay all other costs under RUSSMAR advisement.

## **6. PAYMENT OF COMPENSATION**

6.1 One-twelfth (1/12) of the Annual Management Fee for the current year shall be due and payable on the first of the month for each month the services are provided.

6.2 All other compensation to RUSSMAR is due upon receipt of RUSSMAR's invoice and payable within thirty (30) days.

6.3 Any additional overtime hours in excess of those budgeted that are payable pursuant to Section 6.2.

## **7. SCOPE OF CHANGES**

7.1 A Change in Scope of services shall occur when and as RUSSMAR's costs of providing services under this Agreement change as a result of:

7.1.1 any change in Project operations, personnel qualifications or staffing or other cost which is mandated or otherwise required, by a change in law, rule or regulation or an action or forbearance of any governmental body having jurisdiction to order, dictate or require such change;

7.1.2 increases or decreases of ten percent (10%) in the user base;

7.1.3 increases or decreases of not less than ten percent (10%) in the influent flow or loadings as demonstrated by a twelve (12) month floating average effective date of this Agreement (baseline flow and loading information is located in Appendix \_\_\_\_); and/or,

7.1.4 increases or decreases in rates or other related charges (including taxes) imposed upon RUSSMAR by a utility provider (see Section 7.3 below) or taxing authority-excluding taxes based on RUSSMAR's net income;

7.1.5 CITY's request of RUSSMAR and RUSSMAR's consent to provide additional services.

7.2 For Changes in Scope described in Sections 7.1.1 through, and including, 7.1.3, the Annual Fee shall be increased (or decreased) by an amount equal to RUSSMAR's additional (reduced) Cost associated with the Change in Scope plus ten percent (10%) Modifications of the Annual Fee as a result of conditions described in Section 7.1.3 shall be retroactive to the beginning of the twelve (12) month comparison period.

7.3 For Change in Scope described in Section 7.1.4, the Annual Fee shall be increased (or decreased) by an amount equal to RUSSMAR's additional (reduced) Cost associated with the Change in Scope.

7.4 CITY and RUSSMAR shall negotiate any increase or decrease in RUSSMAR's Annual Fee for Changes in Scope based on Section 7.1.5.

## **8. INDEMNITY, LIABILITY AND INSURANCE**

8.1 RUSSMAR agrees to indemnify, defend and hold CITY harmless from any liability, claims, demands, losses, damages and expenses, including reasonable attorney's fees, court cost, and expert witness fees, for damages to property of the CITY, RUSSMAR, or third parties, or bodily injury (including death) of any person, including third parties, which may arise from RUSSMAR's sole negligence or willful misconduct under this Agreement.

8.2 CITY agrees to indemnify, defend and hold RUSSMAR harmless from any liability, claims, demands, losses, damages and expenses, including reasonable attorney's fees, court cost, and expert witness fees, for damages to property of the CITY, RUSSMAR or third parties, or bodily injury (including death) of any person including third parties, which may arise from CITY's sole negligence or willful misconduct under this Agreement.

8.3 CITY shall be liable for those fines or civil penalties imposed by any regulatory or enforcement agencies on CITY and/or RUSSMAR that are directly related to the ownership of the Project and shall indemnify and hold RUSSMAR harmless from the payment of any such fines and/or penalties.

8.4 Nothing in this Article or any other section, paragraph or article of this Agreement shall be construed to subject either party to liability or indirect, punitive or consequential damages and none shall be awarded by any tribunal against a party hereto in favor of a party hereto.

8.5 Indemnity agreements provided for in this Agreement shall survive the termination of this Agreement.

8.6 Each party shall obtain and maintain insurance coverage of a type and in the amount of One Million (\$1,000,000.00) Dollars. Each party shall provide the other party with the satisfactory proof of insurance.

## **9. TERM, TERMINATION AND DEFAULT**

9.1 The initial term of this Agreement shall commence on March 1, 2019 and shall continue thereafter for an initial term of twenty-four (24) months until March 1, 2020. Thereafter, the CITY shall have the sole option to elect to renew this Agreement for successive terms of two (2) years each by giving written notice no less than sixty (60) days prior to expiration of the original term or the first renewal term.

9.2 During the initial two (2) years of this Agreement, either party may terminate this Agreement only for a material breach of the Agreement by the other party; only after giving written notice of breach; and, except in case of a breach by CITY for non-payment of RUSSMAR's invoices, in which case termination may be immediate by RUSSMAR, only after allowing the other party thirty (30) days to cure or commence taking reasonable steps to cure the breach and provide adequate proof of such steps.

9.3 Upon notice of termination by CITY, RUSSMAR shall assist CITY in assuming operation of the Project. If additional Cost is incurred by RUSSMAR at request of CITY, CITY shall pay RUSSMAR such Cost within thirty (30) days of invoice receipt.

9.4 Upon termination of this Agreement, RUSSMAR shall provide CITY with the same quantity of chemicals on hand when RUSSMAR began services under the Existing Contract Documents.

9.5 Upon termination of this Agreement and all renewals and extensions of it, RUSSMAR will return the Project to CITY in the same condition as it was upon the effective date of this Agreement, ordinary wear and tear excepted. Equipment and other personal property purchased by RUSSMAR for use in the operation or maintenance of the Project shall remain the property of RUSSMAR upon termination of this Agreement unless the property was directly paid for by CITY or CITY specifically reimbursed RUSSMAR for the cost incurred to purchase the property or this Agreement provides to the contrary.

9.6 In the event that this Agreement is terminated for any reason prior to the expiration of the initial term, the CITY shall pay to RUSSMAR a mutually agreed termination fee based upon the remaining unamortized balance of capital improvement cost incurred pursuant to Section 1.5.

## **10. DISPUTES AND FORCE MAJEURE**

10.1 In the event activities by employee groups or unions cause a disruption in RUSSMAR's ability to perform at the Project, CITY, with RUSSMAR's assistance or RUSSMAR at its own options, may seek appropriate injunctive court orders. During any such disruption, RUSSMAR shall operate the facilities on a best-efforts basis until any such disruptions cease.

10.2 Neither party shall be liable for its failure to perform its obligations under this Agreement if such failure is due to any Unforeseen Circumstances beyond its reasonable control or force majeure. However, this Section may not be used by either party to avoid, delay or otherwise affect any payments due to the other party.

10.3 If a claim or a dispute arises between the parties under this Agreement or the performances of any obligations set forth herein, the parties agree to endeavor in good faith to resolve such claim or dispute equitably through negotiation. If such negotiation fails, either party may request non-binding mediation to resolve such claim or dispute, under the rules of the American Arbitration Association, before having

court orders. During any such disruption, RUSSMAR shall operate the facilities on a best-efforts basis until any such disruptions cease.

13.2 Neither party shall be liable for its failure to perform its obligations under this Agreement if such failure is due to any Unforeseen Circumstances beyond its reasonable control or force majeure. However, this Section may not be used by either party to avoid, delay or otherwise affect any payments due to the other party.

13.3 If a claim or a dispute arises between the parties under this Agreement or the performances of any obligations set forth herein, the parties agree to endeavor in good faith to resolve such claim or dispute equitably through negotiation. If such negotiation fails, either party may request non-binding mediation to resolve such claim or dispute, under the rules of the American Arbitration Association, before having recourse to the courts. The non-requesting party may decline such request in its sole discretion. Notwithstanding the foregoing, prior to or during negotiation or non-binding mediation, either party may initiate a legal proceeding to resolve any claim or dispute arising under this Agreement or the performance of any obligations set forth herein.

Both parties indicate their approval of this Agreement by their signature below, and each party warrants that all corporate or governmental action necessary to bind the parties to the terms of this Agreement has been and will be taken.

City of Drakesboro

RUSSMAR UTILITY MANAGEMENT

By: Mike Jones

By: Shawn L Me

Title: Mayor of Drakesboro

Title: COO

Date: 3-1-2019

Date: 3-1-2019

Attest: Melissa Halladay



2371 Irvine Road, Richmond, KY 40475  
(TEL.) 859-623-0112 (FAX.) 859-626-0822

#### APPEDIX A

City of Drakesboro  
212 W Mose Rager Blvd  
Drakesboro, Ky 42337

Attention: Mayor Mike Jones

#### Scope of Services

RussMar Utility Management will provide 24 hour on-call service technician for emergency response. RussMar will provide (operator qualified) personnel to perform inspections required by DOT Title 49, Part 192 and by Kentucky Public Service Commission: leak survey of natural gas system, annual corrosion inspection, regulator inspection, operation of all key valves, designating odorant reading locations and take reading, developing an O&M manual, implementing proper procedures for customers and 811 locating. RussMar will be providing hands on experience and observing personnel provided by the City of Drakesboro.

RussMar will provide addition services needed such but not limited to leak repairs, service line installation, welding, HDD boring, ect at hourly rates provided to and accepted by the city prior to beginning work.

237 IRVING RD.  
RICHMOND, KY 40475

**SHAWN MARTIN**  
OWNER

**Martin**  
Contracting

(TEL) 859-623-0112  
(CELL) 606-305-6434  
(FAX) 859-626-0822  
SMARTIN@BELLSOUTH.NET

### HOURLY UNIT PRICES

2019

SKILLED LABOR	40.00
OPERATOR	59.00
FOREMAN	64.00
SUPERINTENDANT	88.00
GIS	64.00
WELDER & RIG	146.00
SKIDSTEER W/ ATTACHMENTS	75.00
COMBO TRENCHER	60.00
PICKUPS	35.00
SINGLE AXLE DUMP TRUCKS	75.00
TRI AXLE DUMP TRUCKS	90.00
TRACTOR TRAILER	130.00
BACKHOE	73.00
MINI EXCAVATOR UP TO 7,000 LBS	75.00
TRACK EXCAVATOR 40,000 LBS OR LESS	90.00
TRACK EXCAVATOR 40,000 LBS TO 60,000 LBS	135.00
SIDEBOOM	83.00
DOZER/TRACK LOADER	103.00
GENERATORS- RATE PER DAY	55.00
WATER PUMPS- RATE PER DAY	55.00
PE FUSING EQUIPMENT- RATE PER DAY	55.00
PIPE TRAILERS- RATE PER DAY	55.00
175 AIR COMPRESSOR- RATE PER DAY	95.00
PUSHER	25.00
HOERAM	150.00
DIRECTIONAL BORE MACHINE	250.00

### LABOR & EQUIPMENT FOR GAS PIPELINE INSTALLATION

1. 2" STEEL PIPE: TEST AT 100 P.S.I.	78.50
2. 4" STEEL PIPE: TEST AT 100 P.S.I.	12.00
3. 6" STEEL PIPE	19.00
4. 8" STEEL PIPE	23.00
5. 2" POLYETHYLENE PIPE (INCLUDES TRACER WIRE & TAPE): TEST AT 100 P.S.I.	6.00
6. 4" POLYETHYLENE PIPE (INCLUDES TRACER WIRE & TAPE) TEST AT 100 P.S.I.	8.25
7. 6" POLYETHYLENE PIPE (INCLUDES TRACER WIRE & TAPE) TEST AT 100 P.S.I.	11.50
8. 8" POLYETHYLENE PIPE (INCLUDES TRACER WIRE & TAPE) TEST AT 100 P.S.I.	13.25
9. DIRECTIONAL BORE 1" (PIPE INCLUDED)	20.00
10. DIRECTIONAL BORE 2" (PIPE INCLUDED)	20.00
11. DIRECTIONAL BORE 4" (PIPE INCLUDED)	30.00
12. DIRECTIONAL BORE 6" (PIPE INCLUDED)	45.00
13. DIRECTIONAL BORE 8" (PIPE INCLUDED)	59.00
14. TEST 2" STEEL PIPE TO 500 P.S.I. (PER FOOT)	1.25
15. TEST 4" STEEL PIPE TO 500 P.S.I. (PER FOOT)	1.25
16. TEST 6" STEEL PIPE TO 500 P.S.I. (PER FOOT)	1.50
17. TEST 8" STEEL PIPE TO 500 P.S.I. (PER FOOT)	1.75
18. FREE BORE- 2" PIPE (PER FOOT)	20.00
19. FREE BORE- 4" PIPE (PER FOOT)	30.00
20. FREE BORE- 6" PIPE (PER FOOT)	45.00
21. FREE BORE- 8" PIPE (PER FOOT)	59.00
22. 2" TRANSITION FITTING	100.00
23. 4" TRANSITION FITTING	100.00
24. 6" TRANSITION FITTING	250.00
25. 8" TRANSITION FITTING	300.00
26. ROCK REMOVAL BY HO-RAM PER CUBIC YARD	170.00
27. ROCK REMOVAL BY BLASTING PER CUBIC YARD	90.00
28. ROCK REMOVAL BY MACHINE (DUG ROCK) PER CUBIC YARD	40.00

29. INSTALL 2" STEEL VALVE	250.00
30. INSTALL 4" STEEL VALVE	350.00
31. INSTALL 6" STEEL VALVE	550.00
32. INSTALL 8" STEEL VALVE	650.00
33. INSTALL 2" POLYETHYLENE VALVE	75.00
34. INSTALL 4" POLYETHYLENE VALVE	75.00
35. INSTALL 6" POLYETHYLENE VALVE	100.00
36. INSTALL 8" POLYETHYLENE VALVE	100.00
37. INSTALL 2" STEEL TEE OR INSULATOR	250.00
38. INSTALL 4" STEEL TEE, ELBOW, OR INSULATOR	350.00
39. INSTALL 6" STEEL TEE, ELBOW, OR INSULATOR	550.00
40. INSTALL 8" STEEL TEE, ELBOW, OR INSULATOR	650.00
41. INSTALL 2" POLYETHYLENE TEE OR ELBOW	60.00
42. INSTALL 4" POLYETHYLENE TEE OR ELBOW	75.00
43. INSTALL 6" POLYETHYLENE TEE OR ELBOW	100.00
44. INSTALL 8" POLYETHYLENE TEE OR ELBOW	125.00
45. INSTALL TIE-IN W/ NO-BLO FITTING OR DIRECT WELD TO VALVE TAP	500.00
46. 2" STEEL TIE-IN (TAP FURNISHED BY CONTRACTOR)	2500.00
47. 4" STEEL TIE-IN (TAP FURNISHED BY CONTRACTOR)	3200.00
48. 6" STEEL TIE-IN (TAP FURNISHED BY CONTRACTOR)	5000.00
49. 8" STEEL TIE-IN	8000.00
50. 2" POLYETHYLENE TIE-IN	500.00
51. 4" POLYETHYLENE TIE-IN	600.00
52. 6" POLYETHYLENE TIE-IN	850.00
53. 8" POLYETHYLENE TIE-IN	950.00
54. INSTALL STEEL SERVICE TAPPING TEE	850.00
55. INSTALL POLYETHYLENE TAPPING TEE	550.00
56. INSTALL 17 LB. ANODE, PER UNIT	75.00
57. INSTALL 1 LB. ANODE, PER UNIT	75.00
58. 6" ELECTROFUSION COUPLING	200.00
59. 6X1 OR 6X2 ELECTROFUSION TAPPING TEE	450.00
60. 1" EFV	50.00
61. 1" POLYETHYLENE PIPE (INCLUDES TRACER WIRE & TAPE)	6.00
62. 1" POLYETHYLENE VALVE	50.00
63. EXTRA DEPTH: 5' TO 8'	8.00

64. EXTRA DEPTH: 8' TO 10'	12.00
65. EXTRA DEPTH: 10' PLUS	18.00
66. MOBILIZATION FOR JOBS UNDER 500'	1,200.00

OQ RESOURCES  
INSTRUCTOR: TAYLOR

Industrial Training Services  
Official Transcript Request  
CONFIDENTIAL

Last Name	First Name	Company Name	Test Date	P/F	Instructor	Test Name	Skill
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/19/2019	P	TAYLOR	F02.1.0701 Joining of Pipe: Bottom-Out Compression Couplings	F02.1.0701 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/20/2019	P	TAYLOR	G02.0861 Installation of Steel Pipe in a Ditch	NO SKILLS RETURNED
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/20/2019	P	TAYLOR	G02.0881 Installation of Steel Pipe by Plowing/Pull-In	NO SKILLS RETURNED
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/20/2019	P	TAYLOR	G02.0891 Field Bending of Steel Pipe	NO SKILLS RETURNED
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/20/2019	P	TAYLOR	G02.0931 Installation of Plastic Pipe by Plowing/Planting	NO SKILLS RETURNED
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/20/2019	P	TAYLOR	G02.0941 Install Tracer Wire	G02.0941 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/20/2019	P	TAYLOR	G02.0971 Installation and Maintenance of Casing Spacers, Vents and Seals	NO SKILLS RETURNED
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/20/2019	P	TAYLOR	H06.5701 Install Excess Flow Valves	H06.5701 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/21/2019	P	TAYLOR	I13.5541 Pipe Surface Preparation for Coating Application	I13.5541 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/19/2019	P	TAYLOR	F02.1.0691 Joining of Pipe: Nonbottom-Out Compression Couplings	F02.1.0691 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/19/2019	P	TAYLOR	F02.2.0681 Joining of Plastic Pipe: Stub Fittings	F02.2.0681 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/19/2019	P	TAYLOR	F02.3.0711 Joining of Pipe: Compression Couplings	F02.3.0711 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/19/2019	P	TAYLOR	F08.5821 Joining of Plastic Pipe: Bolt-On Tapping Tee	F08.5821 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/20/2019	P	TAYLOR	G02.0641 Visually Inspect Pipe and Components Prior to Installation	G02.0641 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/20/2019	P	TAYLOR	G02.0901 Installation of Plastic Pipe in a Ditch	G02.0901 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/20/2019	P	TAYLOR	G02.0921 Installation of Plastic Pipe by Plowing/Pull-In	G02.0921 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/20/2019	P	TAYLOR	H02.5861 Install Steel Service Lines	NO SKILLS RETURNED
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/20/2019	P	TAYLOR	H02.5901 Install Plastic Service Lines	H02.5901 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/21/2019	P	TAYLOR	H05.1191 Maintenance of Service Valves Upstream of Customer Meter	H05.1191 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/21/2019	P	TAYLOR	I01.0001 Measure Structure to Electrolyte Potential	I01.0001 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/21/2019	P	TAYLOR	I13.0691 Coating Application and Repair: Brushed or Rolled	NO SKILLS RETURNED
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/21/2019	P	TAYLOR	I13.1001 Coating Application and Repair: Sprayed	I13.1001 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/21/2019	P	TAYLOR	I13.1011 External Coating Application and Repair: Wrapped	I13.1011 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/19/2019	P	TAYLOR	L01.a.1101 Tapping a Pipeline With a Built-In Cutter	L01.a.1101 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019	P	TAYLOR	L02.1651 Purge - Flammable or Inert Gas	L02.1651 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019	P	TAYLOR	L02.1661 Purge - Hazardous Liquids	L02.1661 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/13/2019	P	TAYLOR	L03.a.1211 Odorization: Periodic Sampling	L03.a.1211 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019	P	TAYLOR	M01.1261 Walking Gas Leakage Survey	M01.1261 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019	P	TAYLOR	M01.1271 Mobile Gas Leakage Survey: Flame Ionization	NO SKILLS RETURNED
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019	P	TAYLOR	M01.1281 Mobile Gas Leakage Survey: Optical Methane	NO SKILLS RETURNED
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/21/2019	P	TAYLOR	M05.0301 Manually Opening and Closing Valves	M05.0301 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/21/2019	P	TAYLOR	M05.0311 Adjust and Monitor Flow or Pressure-Manual Valve Operation	M05.0311 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/21/2019	P	TAYLOR	M05.0331 Valve -Visual Inspection and Partial Operation	M05.0331 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/21/2019	P	TAYLOR	M05.0341 Valve-Preventive Maintenance	M05.0341 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019	F	TAYLOR	M08.0201 Visual Inspection of Installed Pipe and Components for Mechanical Damage	M08.0201 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019	P	TAYLOR	M08.0211 Measure and Characterize Mechanical Damage on Installed Pipe and Components	M08.0211 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019	P	TAYLOR	M08.1041 Install Mechanical Clamps or Sleeves: Bolted	M08.1041 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019	P	TAYLOR	M08.1051 Fit-Up of Weld Type Repair Sleeves	NO SKILLS RETURNED
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019	F	TAYLOR	M08.1061 Install Composite Sleeves	NO SKILLS RETURNED
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019	P	TAYLOR	M08.1071 Repair of Steel Pipe by Grinding	NO SKILLS RETURNED

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SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/21/2019 P	TAYLOR M08.1141 Squeeze Off Plastic Pipe	M08.1141 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR M10.5081 Abandon/Deactivate Mains	M10.5081 SIM
SHAW	JORDON	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR M10.5091 Abandon/deactivate Service Lines	M10.5091 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/19/2019 P	TAYLOR F02.1.0701 Joining of Pipe: Bottom-Out Compression Couplings	F02.1.0701 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/20/2019 P	TAYLOR G02.0861 Installation of Steel Pipe in a Ditch	NO SKILLS RETURNED
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/20/2019 P	TAYLOR G02.0881 Installation of Steel Pipe by Plowing/Pull-In	NO SKILLS RETURNED
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/20/2019 P	TAYLOR G02.0891 Field Bending of Steel Pipe	NO SKILLS RETURNED
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/20/2019 P	TAYLOR G02.0931 Installation of Plastic Pipe by Plowing/Planting	NO SKILLS RETURNED
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/20/2019 P	TAYLOR G02.0941 Install Tracer Wire	G02.0941 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/20/2019 P	TAYLOR 302.0971 Installation and Maintenance of Casing Spacers, Vents and Seals	NO SKILLS RETURNED
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/20/2019 P	TAYLOR H06.5701 Install Excess Flow Valves	H06.5701 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/21/2019 P	TAYLOR I13.5541 Pipe Surface Preparation for Coating Application	I13.5541 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/19/2019 P	TAYLOR F02.1.0691 Joining of Pipe: Nonbottom-Out Compression Couplings	F02.1.0691 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/19/2019 P	TAYLOR F02.2.0681 Joining of Plastic Pipe: Stab Fittings	F02.2.0681 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/19/2019 P	TAYLOR F02.3.0711 Joining of Pipe: Compression Couplings	F02.3.0711 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/19/2019 P	TAYLOR F08.5821 Joining of Plastic Pipe: Bolt-On Tapping Tee	F08.5821 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/20/2019 P	TAYLOR G02.0641 Visually Inspect Pipe and Components Prior to Installation	G02.0641 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/20/2019 P	TAYLOR G02.0901 Installation of Plastic Pipe in a Ditch	G02.0901 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/20/2019 P	TAYLOR G02.0921 Installation of Plastic Pipe by Plowing/Pull-In	G02.0921 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/20/2019 P	TAYLOR H02.5861 Install Steel Service Lines	NO SKILLS RETURNED
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/20/2019 P	TAYLOR H02.5901 Install Plastic Service Lines	H02.5901 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/21/2019 P	TAYLOR H05.1191 Maintenance of Service Valves Upstream of Customer Meter	H05.1191 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/21/2019 P	TAYLOR I01.0001 Measure Structure to Electrolyte Potential	I01.0001 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/21/2019 P	TAYLOR I13.0991 Coating Application and Repair: Brushed or Rolled	NO SKILLS RETURNED
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/21/2019 P	TAYLOR I13.1001 Coating Application and Repair: Sprayed	I13.1001 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/21/2019 P	TAYLOR I13.1011 External Coating Application and Repair: Wrapped	I13.1011 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/19/2019 P	TAYLOR L01.a.1101 Tapping a Pipeline With a Built-In Cutter	L01.a.1101 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR L02.1651 Purge-Flammable or Inert Gas	L02.1651 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR L02.1661 Purge - Hazardous Liquids	L02.1661 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/13/2019 P	TAYLOR L03.a.1211 Odorization: Periodic Sampling	L03.a.1211 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR M01.1261 Walking Gas Leakage Survey	M01.1261 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR M01.1271 Mobile Gas Leakage Survey: Flame Ionization	NO SKILLS RETURNED
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR M01.1281 Mobile Gas Leakage Survey: Optical Methane	NO SKILLS RETURNED
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/21/2019 P	TAYLOR M05.0301 Manually Opening and Closing Valves	M05.0301 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/21/2019 P	TAYLOR M05.0311 Adjust and Monitor Flow or Pressure-Manual Valve Operation	M05.0311 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/21/2019 P	TAYLOR M05.0331 Valve -Visual Inspection and Partial Operation	M05.0331 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/21/2019 P	TAYLOR M05.0341 Valve-Preventive Maintenance	M05.0341 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 F	TAYLOR M08.0201 Visual Inspection of Installed Pipe and Components for Mechanical Damage	M08.0201 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR M08.0211 Measure and Characterize Mechanical Damage on Installed Pipe and Components	M08.0211 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR M08.1041 Install Mechanical Clamps or Sleeves: Bolted	M08.1041 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR M08.1051 Fit-Up of Weld Type Repair Sleeves	NO SKILLS RETURNED

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SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR M08.1081 Install Composite Sleeves	NO SKILLS RETURNED
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR M08.1071 Repair of Steel Pipe by Grinding	NO SKILLS RETURNED
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/21/2019 P	TAYLOR M08.1141 Squeeze Off Plastic Pipe	M08.1141 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR M10.5081 Abandon/Deactivate Mains	M10.5081 SIM
SIMS	DONALD	DRAKESBORO GAS DEPARTMENT	02/22/2019 P	TAYLOR M10.5091 Abandon/deactivate Service Lines	M10.5091 SIM

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Vanguard Mapping Solutions LLC

8125 Annetta Rd.  
Leitchfield, KY 42754

Date	Invoice #
2/17/2019	1227

Phone # 2708990566      josh.duvall@vanguard-mapping.com  
http://www.vanguard-mapping.com

Bill To
Mike Jones PO Box 129 Drakesboro, KY 42337 USA

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
379	379 Labor Hours	90.00	34,110.00
	Reimbursement for expenses, parts and materials, 100%	602.79	602.79
3,021	Mileage reimbursement at \$1.00 per mile.	1.00	3,021.00
28	Reimbursement for per-diem, \$70 per person.	70.00	1,960.00
2	Weekly emergency on-call charge.	500.00	1,000.00
	Reimbursement for hotel costs, 100% of rate.	1,045.30	1,045.30
	Sales Tax Exempt	0.00%	0.00
<b>Total</b>			<b>\$41,739.09</b>

Vanguard Mapping Solutions LLC

8125 Annetta Rd.  
Leitchfield, KY 42754

Date	Invoice #
3/2/2019	1229

Phone # 2708990566      josh.duvall@vanguard-mapping.com  
http://www.vanguard-mapping.com

Bill To
Mike Jones PO Box 129 Drakesboro, KY 42337 USA

P.O. No.	Terms	Project
FINAL PAY	Net 30 - 15% ...	

Quantity	Description	Rate	Amount
391	Labor Hours, Josh - 98, Bart - 107, Logan S. - 40, Jason - 64, Eddie - 64, Logan H - 18	90.00	35,190.00
18	PER DIEM - Bart - 2, Jason - 7, Eddie - 7, Logan - 2	70.00	1,260.00
2,956	Mileage Reimbursement	1.00	2,956.00
1	Materials cost @ 100%	236.25	236.25
2	Two weeks of on-call coverage.	500.00	1,000.00
1	Fee for contract design	250.00	250.00
		<b>Total</b>	<b>\$40,892.25</b>

# Pipeline Safety Information

*Our goal is to provide safe, reliable natural gas service to our customers and ensure the safety of people living and working near our natural gas pipelines. This handout is an important part of our ongoing communication plan to increase awareness of pipeline safety. Please take the time to read this critical information.*

**Pipeline Association for Public Awareness**

## NATURAL GAS

**The popular choice ...** Natural gas is the most popular energy for home heating. Its uses are expanding to many other applications due to its ease of use and its positive environmental qualities. Natural gas provides about 24 percent of all the energy used in the United States and natural gas utilities serve more than 65 million residential, commercial and industrial customers.

**The safest choice ...** According to National Transportation Safety Board statistics, natural gas pipelines are the safest method of energy transportation. CITY of DRAKESBORO Natural Gas uses the latest technology, security and industry practices to monitor pipelines and maintain service and safety. CITY of DRAKESBORO executes many programs to ensure your safety: *Design and construction monitoring 24 hours a day, seven days a week; integrity management; inspection and patrol training; public awareness coordination; and communication with police and fire officials.*

**The safety commitment ...** It is extremely unlikely that a natural gas leak will occur. The information provided here will prepare you in the event of an occurrence. These safety guidelines will provide you with important information to help you avoid dangerous activity and help you recognize and respond to a natural gas leak. Protecting you, your property and the environment is our commitment.

**811 Call Before You Dig** [www.call811.com](http://www.call811.com)

### Pipeline markers are important

Pipeline markers are an important safety precaution. Since pipelines are buried underground, pipeline markers are used to help in their identification. These markers are found where a pipeline intersects a street, highway or railway. Pipeline markers are used to designate the general route of the pipeline, but are not found near every pipeline. Be aware of any pipeline markers in your neighborhood; write down the natural gas operator's name and phone number in case of an emergency.

Pipeline markers provide critical information in keeping you safe. You can always find three things on a pipeline marker to help you in case of an emergency or for additional information: the name of the pipeline company, emergency number and the material being transported in the pipeline.

**Markers DO NOT show:** The depth of, the number of and the exact location of the pipeline.

**Markers DO show:** The approximate location of the pipeline, the product transported, the natural gas operator and the operator's emergency phone number.

### Recognizing a suspected leak

**Sight** — Discolored vegetation or bubbling in water,

blowing dust, or a fire or explosion near a pipeline

marker. Natural gas is lighter than air and would

appear to be a light white fog that will dissipate quickly

into the atmosphere, unlike propane,

a heavy dense fog hovering near the

which will create  
ground surfaces.

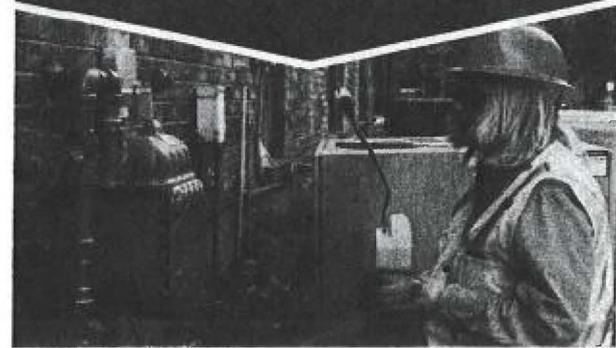
**Sound** — Hissing, whistling or roaring noise.

**Smell** — The distinctive gaseous odor is an odorant

added to natural gas and has a smell similar to rotten

# Drakesboro Natural Gas Distribution System

A subsidiary of MDU Resources Group, Inc.



## Excess Flow Valve (EFV) NOTIFICATION

The United States Department of Transportation (DOT) has issued a new pipeline safety regulation requiring natural gas utility companies to notify customers about the availability of Excess Flow Valves (EFV) for installation on the natural gas service line to their home or business.

### What is an EFV?

An EFV is a safety device designed to automatically stop or restrict the flow of natural gas if an underground pipe is broken or severed. Such damage is usually the result of some type of excavation. Although an EFV may help limit the effects or damage of such an incident, the best way to protect against such incidents is to ensure that anyone excavating on your property has called 811 to have buried pipelines properly marked before digging. Installation of an EFV will not protect against customer appliance gas leaks, small gas service line punctures or gas meter leaks. An EFV may not protect a pipeline from damage caused by flooding or earthquakes. EFVs are not available for some customers due to the amount of gas used, areas with delivery pressure less than 10 psi or other circumstances that hinder the effectiveness of the EFV.

### Where is an EFV installed?

An EFV is installed underground on the service line that runs between the gas main located in public right of way or a dedicated utility easement and the natural gas meter. Generally, the EFV is installed as close as possible to the gas main. In some instances, the location may need to be installed further from the gas main to accommodate interference from other buried structures.

### How much does it cost to have an EFV installed?

If you would like to have an EFV installed in your service line, please contact Cascade Natural Gas Corporation at 1-888-522-1130 or email [customerservice@cngc.com](mailto:customerservice@cngc.com). The customer is solely responsible for the cost associated with installing the EFV. There will be no ongoing cost to the customer associated with the maintenance or replacement of the EFV. Installation costs vary greatly due to different soil conditions within our service territory. Estimates for cost and timeframe for construction will be provided as requested on a case-by-case basis. The EFV will be installed at a time that is mutually agreeable to the company and customer. Since the EFV

Drakesboro Natural Gas Distribution System  
PO Box 129  
Drakesboro, Kentucky 42337-0129

Phone: 270-476-8986  
Emergency Number: 270-543-1062



**Know what's below.  
Call before you dig.**



Medication Assisted Treatment

**A New Start II, LLC**  
**222 Phillip Stone Way**  
**Central City, KY 42330**  
**Phone: (866) 934-4611**  
**Fax: (270) 754-3499**

RE: [REDACTED]

DOB: [REDACTED]

To Whom It May Concern:

I am licensed to practice in the State of Kentucky and have received consent from my patient, [REDACTED], to provide you with information concerning the use of a certain medication. I trust that you will share this information only with those persons who have a legitimate need to know this information to protect the safety of my patient, or other persons, or real or private property that might be present in her work environment.

The following is a list of the lawfully prescribed medication that my patient uses:

buprenorphine-naloxone - 8-2 mg

I have no reason to believe that use exist with this medication in any manner that is inconsistent with the prescription or that is inconsistent with the medication's labeling or warnings. Furthermore, having reviewed the list with my patient, and having discussed job duties or prospective job duties, I can now say with a reasonable degree of medical certainty that:

The use of this medication does not pose a threat to his own safety or to the safety of co-workers and that the employee's job performance is not significantly affected by the medication or any combination or interaction of the medication. Buprenorphine/Naloxone has 0 morphine equivalent per KASPER. The patient's use of buprenorphine/naloxone will not impair functioning/driving, including an 18-wheeler tractor-trailer or operation of heavy machinery or DOT-regulated equipment, because the individual is stabilized on a clinically appropriate dose. There are no side effects that impair normal functioning.

Sincerely,

Dr. William Vincent MD

**Drakesboro Gas  
EMERGENCY PROCEDURES**

**Drakesboro Gas  
EMERGENCY PROCEDURES**

The Drakesboro Gas Emergency Procedures Updated February 2019

This plan has been prepared to provide critical information in the event of an emergency. The pipeline safety requirements for an Emergency Plan are contained in the U. S. Department of Transportation, Pipeline Safety Regulations, Code of Federal Regulations 49, 192.615.

It is imperative that those who will have the responsibility of handling an emergency situation be familiar with the contents of this manual. This manual is to be used as an emergency format and does not contain operational data.

**EMERGENCY DEFINITION**

No emergency plan can anticipate all the conditions to be encountered in an emergency situation. There is no substitute for clear and knowledgeable judgement by the individual(s) involved in the emergency. In any emergency, the public well-being shall take precedence.

QUESTION: What is an emergency condition?

ANSWER: An emergency condition exists when qualified representatives have determined and initiate procedures utilizing manpower, equipment, and supplies for the sole purpose of protecting the public from existing and potential hazards associated with natural gas and all facilities thereof:

**EMERGENCY PROCEDURES**

These procedures are intended to assist in dealing with emergencies involving natural gas customers. The individual representative first on the scene shall assess the situation and obtain all pertinent information in order to determine if a hazardous condition exists.

Gas emergencies are defined as:

- 1) The continued safe operation of a major segment of the distribution system is endangered, or;
- 2) a gas leak (ignited or not) is of such magnitude that major roads or highways must be closed, or;
- 3) a failure or malfunction of the natural gas system exists that:
  - Affects a large number of customers or imposes a danger to life and health of such magnitude that mobilization of all available emergency action forces is required, or;
  - Necessitates immediate action to prevent or lessen property damage, or save lives.

For emergencies requiring reports to Washington or the State of Kentucky, such reports shall be handled in accordance with Section: 108 of the Drakesboro Gas Operating & Maintenance Manual.

Hazards may include, but not be limited to the following:

- Under-pressurized system
- Over-pressurized system
- Accidental release of natural gas
- Fire or explosion (involving a pipeline facility)
- Gas leaks
- Damaged Pipeline sections

Conditions that may create an emergency situation:

- Natural disasters:
  - a. Floods
  - b. Tornado
  - c. Hurricane
  - d. Earthquake/settling, heaving and loading
  - e. Freezing associated with heaving
  - f. Civil disturbance

### **Key actions involving a natural disaster:**

- A. Notify the Fire Department and advise them of the situation at the disaster site.
- B. Notify the Police Department and advise as to the areas affected and the help needed from law enforcement.
- C. Call for ambulances if they are needed.
- D. Notify emergency response agencies (Civil Defense, Red Cross, Emergency Management Agency as well as Mutual Assistance Members, etc.) See the Operating and Maintenance Procedures Manual for detailed procedures/responses:
  - 1. Section 108.2 Responding to Gas Leak reports
  - 2. Section 120 Emergency Procedures
  - 3. Section 121 General
  - 4. Section 124 Transmission/Distribution System Failure or Emergency
  - 5. Other Mission Responsibilities
- E. If gas is escaping, extinguish all open flames, prohibit access to the area with potential ignition sources and class the area as a "HOT ZONE."
- F. Check the surrounding area to ensure venting or migrating gas does not enter surrounding structures.
- G. Notify supervision and responding personnel as to the steps needed for corrective action at the disaster site. The responding personnel shall remain in charge until relieved of that responsibility. Actions needed until relieved of responsibility:
  - a. Set up communications with Emergency Response agencies.
  - b. Coordinate the emergency action at the site.
  - c. Secure shut down of all isolation valves in the affected area. Communicate corrective action to all responding personnel.
- H. If access to the affected area is difficult or time intensive, the responding personnel shall seek out key isolation valves for the area and shut down gas to the area. Supervision should as well be notified so as to lower the pressure in the area prior to shut down of key valves. This action will reduce the time it takes for the system pressure to blow down (minimize purging and/or burning of gas in the area).

### **EMERGENCY EQUIPMENT/LOCATION**

Equipment and supplies will be at the disposal of all responding emergency personnel. There shall one location for the purpose of equipment and supply usage in an emergency situation. That location shall be the Drakesboro Maintenance Shop. Emergency equipment shall be kept on the services trucks at all times to address emergency concerns. All operating personnel shall know the location and proper use of all emergency equipment. Periodic checks of emergency equipment should be performed and recorded. These inspections should be kept on file (hard copy or database).

### **EMERGENCY EQUIPMENT TO BE UTILIZED**

- Gas Maps
- Pipe Wrenches
- Repair Material (clamps/couplings/valves/meters)

CGI

Personal Protective Equipment

Critical Valve Wrenches

Fire Extinguisher

Pipe

Small tools

Odorator

### **KEYS**

Gas Personnel are issued keys to all Drakesboro Gas locks in the system. All responding personnel shall be equipped to cut any lock not operational. Keys to the system shall be kept in the Maintenance Shop.

### **VALVE OPERATION**

The operation of any valve in the distribution system should be carefully weighed before shut-off or turning-on any valve. The effects of operating a valve on the system should be based on the potential hazard to the public. All such operations shall be cleared through the Gas Operator. Only authorized personnel shall operate gas valves on the gas system. All other individuals such as contractors, fire department, police department or any other officials are not authorized to operate or instruct others to operate a gas valve on any gas distribution system.

### **LOCATION OF VALVES**

System maps and schematics showing all gas distribution valves in the system shall be kept in the Gas Operators office. All authorized personnel shall be familiar with the location of the valves in the system (primary and secondary valve locations).

### **EMERGENCY MANPOWER, ASSISTANCE/AGENCIES**

Additional manpower, equipment and supplies may be obtained through the Emergency Management Agency/Red

Cross/Civil Defense and neighboring Gas Operators.

Other agencies may be called upon to assist in the event of a prolonged emergency:

- Neighboring Natural Gas System
- Emergency Management Agency
- American Red Cross
- Civil Defense
- FEMA (Federal Emergency Management Agency) (Emergency Response Group)

### **RESPONDING TO REPORTED GAS LEAK GAS LEAK INSIDE/MAKE**

#### **SAFE**

Log time call received and time of arrival.

Check for gas when you enter the building/structure by smelling the atmosphere and by sampling the open atmosphere by using a Combustible Gas Indicator/CGI.

If gas in open atmosphere has registered on the CGI tester or if in your judgment, it is necessary to evacuate the building, instruct all occupants to leave building and instruct them not to operate switches, strike matches, or smoke as they leave. *NOTE:* Advise occupants to move away from the building at least past a second structure but not less than 200 feet away.

Terminate all open flames.

Ventilate the structure as you exit (open doors, windows in the existing area.)

Terminate the gas to the building structure by cutting the meter off as quickly as possible.

Barhole and test along the building foundation wall to the gas service and out to the gas main. If the service is leaking causing gas to enter the building from underground, call a crew to cut off the service valve or cut it at the tapping tee. Be sure to stand by until assistance arrives. Keep on lookers away until assistance arrives.

If leak is inside, after building has aired out and you have rechecked and determined it is safe to return, you may let the occupants return to the building.

Make visual inspection of fuel lines and equipment to ensure safe operation. Cut off equipment valves, both pilot and main burner and test fuel lines for leaks by performing a decay test (tightness test, close-in, pressure test, etc.).

If gas is escaping so fast it is unsafe to leave on while checking for the leak, cut off meter and use air pressure to find and repair leakage on the fuel line.

**Note: See Exact Procedures For Troubleshooting Odor Calls.**

### **EXACT PROCEDURES FOR TROUBLESHOOTING ODOR CALLS**

- 1) A. A service department representative will respond upon notification.  
B. Document the date and time of notification.  
C. Document the date and time of arrival on the scene. D. Document the time of departure.
- 2) Use your own judgment when to run emergency traffic (customer's description of the situation, heavy traffic, etc.).
- 3) Indoor odors take priority over broken lines.
- 4) Evaluate the scene as you approach. (Observe sight, smell, environment, etc.).
- 5) Do not park in front of the odor address; check for leak signs as you approach the address.
- 6) Turn on and zero CGI and carbon monoxide detector in clean air.
- 7) Place your thumb over the end of the CGI for approximately 5 seconds and make sure it shows pump flow blocked.
- 8) Check all around the door for gas or carbon monoxide, especially check high if natural gas and low if propane.
- 9) **DO NOT RING DOOR BELL - ALWAYS KNOCK.** If no one is there, the meter/tank must be turned off. Check the exterior of the building for gas (see outdoor odor sheet). The building cannot be entered without the customer, maintenance, office worker, etc. is on the scene. The gas cannot be turned back on until the inside of the building is checked. (Zero detection)
- 10) If less than 1 % natural or less than .5% propane is found inside, see step 18. If carbon monoxide is found, see carbon monoxide sheet.
- 11) If 1 % natural or .5% propane, or higher, is found, evacuate the people immediately.
- 12) Leave the door you exit by open to help with ventilation. (Do not open more than one opening.)
- 13) Turn the meter /tank off as you evacuate.
- 14) Call for added help. (You will need it.)
- 15) Take the evacuated people approximately 200 feet away. (Advise concerns of traffic cautions to all)
- 16) Evacuate buildings next to the odor address. Check for gas with CGI as you evacuate. Also turn off meter.
- 17) Check outside for gas at the odor address (see outdoor odor sheet) and periodically monitor reading at the door until it has dropped below 1% natural or .5% propane. The building may be checked out at this time.
- 18) Turn off the valves at each appliance.
- 19) Turn the meter/tank back on if it is off and listen for heavy usage. Clock the meter. The ¼ or ½ foot hand must be in the upswing position to clock it. If no heavy usage is found, the piping and appliances may be checked.
- 20) Always check piping with the electronic gas detector before using soap. The soap will cause the EGD to sound an alarm.
- 21) When checking, consider: (Marked areas checked) baseboard, ceilings, joints, drains, gas appliances, gas plumbing, and outside exterior of building.
- 22) If the leak is found and can be stopped by tightening a union or flare fitting, etc., follow company policy as to repairs. When repairs are made, then soap test.
- 23) **THE LEAK MUST BE STOPPED.** If it cannot be stopped, it must be valved off and the valve **RED TAGGED.**
- 24) If the valve is accessible by the public (in a rental cabin, motel room, etc., the line must be disconnected and if possible plugged or capped.
- 25) If the leak cannot be valved off, the meter **MUST** be locked off or the tank regulator pulled.
- 26) A pressure test must be seen and documented by the representative of the gas department before the gas service can be turned back on.
- 27) If the leak cannot be found indoor or outdoor, notify the Gas Operator.

- 28) A. If nothing is found, be sure equipment has been fired and checked.  
B. ALWAYS fill out a report regardless of what is or is not found. Always turn in report to the service department. GET THE ADDRESS AND METER NUMUER OF ANY METER TURNED OFF.

### EGD read CO (Carbon Monoxide) in PPM (parts per million)

- If call comes in as a CO (Carbon Monoxide) call, also check for gas indoor and outdoor around the exterior of the building.
- Check around the gas appliance while it is fired.
- Check the heat/air registers.
- Fire all the equipment at the same time if possible.

1) 0 - 9 PPM: Acceptable levels.

If source can be found, write on odor report indicating levels and the appliance. Also, note on report that levels are acceptable. Fill out report regardless of level found.

2) 10 - 35 PPM

A. Acceptable in restaurants, factories, garages, etc., where exposure is only for 8 hour periods. Fill out Odor Report. If source can be found, indicate which appliance on the report and that levels are acceptable. If problem can be corrected, do so and indicate correction on report.

B. Unacceptable in homes, rental cabins, motel rooms, etc. Attempt to find source of problem. If source is found and can be corrected, do so. If the problem cannot be corrected, the appliance must be valved off and red tagged. If the valve is accessible by the public (rental cabin, motel room, etc.) the line must be disconnected and the valve capped or plugged. Fill out Odor Report listing the levels and the appliance found to be the source.

C. If the source cannot be found, contact the service department. List the levels found on the Odor Report Form.

3) 36 - 100 PPM (UNACCEPTABLE UNDER ANY CONDITIONS)

A. If in a home, cabin, motel room, etc., suggest occupants evacuate room or building. Ventilate room or building and attempt to find source of problem. Source must be corrected or stopped. If not corrected, the appliance must be valved off and red tagged. If valve is accessible to the public (in motel room, rental cabin, etc.), the line must be disconnected and the valve capped or plugged. If the source cannot be found, contact the service department.

B. If in a business, ventilate the room or building. Attempt to find the source of the problem. Correct or stop the problem. If problem is found, valve off appliance and red tag appliance. If problem cannot be found within 15 minutes, call service department.

4) 101 - 200 PPM

A. Call service department and evacuate room or building. Do NOT stay in room or building with a reading above 100PPM for more than a couple of minutes without an air pack. Ventilate room or building if possible. If unable to ventilate, call fire department for help. If occupants refuse to evacuate, contact fire department. EVACUATE IMMEDIATELY!

5) Above 200 PPM

EVACUATE IMMEDIATELY! Call personnel in order to the Emergency Call List. Shut gas off outside. Call fire department. Attempt to ventilate room or building. DO NOT enter structure without air pack (SCBA) until level drops below 100 PPM. (Recommended level of evacuation is 50 PPM and greater.)

6) Above 11,500 PPM is nearing the LEL of CO. Do not enter. (Highly explosive.)

Carbon Monoxide is explosive and deadly, death may occur within 3 minutes at or above this level. Levels detected this high shall require the Fire Department being alerted to investigate possible victims located within the enclosure. AT NO TIME SHALL AN EMPLOYEE ENTER THE ENCLOSURE WITHOUT REDUCING THE LEVELS INSIDE THE ENCLOSURE. CUT THE METER OFF TO ELIMINATE THE POSSIBLE CREATION OF THE CARBON MONOXIDE THROUGH GAS FIRED EQUIPMENT!!!!!!!!!!!!

### LEAK OUTSIDE BUILDING

1. Log time call received and time of arrival.
2. Assess the danger to the public in surrounding buildings (occupants and property).
3. Extinguish all open flames. No smoking.
4. If necessary, notify fire and police and obtain their assistance.

5. Block the street if the magnitude of the leak warrants. NOTE: If a major thoroughfare has been blocked off and traffic re-routed, notification shall be made to Washington.

6. Notify Supervision or other responsible persons.
7. Bar hole next to the foundation of the building and along the service line out to the gas main.
8. Check neighboring buildings for gas.
9. Implement Check List for major emergency.
10. Repair leak.
11. If the structure is safe, occupants may be returned to the structure.

NOTE: If you arrive on a leak call and cannot detect gas or it seems to be coming and go in the air, it is advisable to check for faulty appliances which may be in other buildings or on the roof allowing atmospheric release of natural gas to your location. At any time you need assistance, call for assistance from other qualified personnel.

### **LEAK OUTSIDE ON GAS METER**

1. Log time call received and time of arrival.
2. Upon arrival, check to see if gas is venting freely to the atmosphere and of no danger to life, property or personnel.
3. If gas is detected inside a building (Follow procedures established in the Drakesboro Gas Operations & Maintenance Manual, Section 108.22, and also in the document identified as "Gas Leaks Inside" and "Natural Gas Leak Response Procedures").
  - A. Caution occupants not to operate switches or smoke and evacuate the building being sure people are kept a safe distance away;
  - B. Shut off gas meter or service valve;
  - C. Ventilate building by opening doors and windows.
4. If gas is not entering the building, check for gas leak and repair. Call for assistance as needed.
5. Barhole service and main whenever you are checking for leakage. If leaking, call for a crew and stand by until the crew arrives.
6. After the repairs have been made, restore gas pressure to the meter by using an approved pressure testing procedure if the meter or service had been cut off. If the building has been evacuated, allow people to re-enter when it has been made safe.

### **GAS OUTAGE/LOSS OF GAS PRESSURE**

An interruption to a gas supply line could be due to: freezing of the regulators, or regulator vent lines, or a break in the line, sabotage or supplier cut off. Call your supplier (Transmission Company.) Locate leak and inform supplier of the location of leak, if possible. Close appropriate valve or valves in your system to isolate the break (if necessary.) Implement Check List for major emergency.

1. Determine as soon as possible how many areas of the plant are affected.
2. Call for assistance as needed.
3. It is imperative that all affected buildings be cut off at the gas riser valve or service valve before pressure can be restored.
4. Any gas meter that cannot be cut off by standard means must be dug up at the service valve or the service tee and cut off.
5. When all services are off, notify Supervision or the highest ranking personnel in charge that all service have successfully been cut off.
6. When advised to turn on and relighted, use "Restoration of Gas Service Turn On and Test Out Procedures" located in this manual.

### **RELIEF VALVE BLOWING**

1. Be sure to record the time call was received and time of arrival.
2. Make sure that gas is not entering the building and poses no danger to the public.
  - A. If you feel there is an immediate danger, then close inlet the valve to meter.
  - B. Make necessary repairs and arrangements to restore service to the equipment.
3. If there is no danger, then put a pressure gauge on the line and operate the by-pass so that pressure on the system will return to normal.
4. Call for necessary help to make repairs.
5. When repairs are made, put regulator back in service and check to make sure everything is operating properly.

NOTE: Never cut off a relief valve where a fuel line or appliances could be over-pressured. Always leave the shut-off valve ahead of the relief valve locked and in the open position.

## FIRE AND/OR EXPLOSION

Any report of an explosion or fire must be considered an emergency. Prompt arrival and assessment and evaluation of the situation dictates the procedure as all situations will probably differ. The safe resolution of each emergency will depend on the judgment and experience of trained personnel on the site.

In all instances, it must be assumed, until proven otherwise, leaking gas caused the emergency and all precautions taken to alleviate the problem and all buildings in the vicinity checked in the surrounding area.

1. Upon arrival, contact the fire, police and other officials on scene to obtain information concerning the probable cause, origin and limits of the fire or explosion.
2. Be prepared to shut off the gas service to the damaged building(s) by cutting the meter off or closing the service valve. If neither is available, have the service cut at the tap. If necessary to operate a main line valve, clearance must be obtained from the Gas System Operator.
3. Check to see if gas is in any of the nearby buildings by using a Combustible Gas Indicator and sense of smell. If a gas leak is detected, use proper leak procedures as outlined.
4. Barhole service and main around the affected area to see if there is any leakage.
5. Call for help if needed.
6. If minor damage is done, disconnect all damaged appliances or piping and test fuel lines with a pressure test before turning on and checking the pressure on the line.

*NOTE: If the fire is at an appliance, shut off the gas at the appliance valve if possible. If it is not possible to shut the gas off at the appliance valve, then shut off the gas at the meter or high pressure wing cock. Isolate the hazard.*

## RESTORATION OF GAS SERVICE, TURN ON AND TEST OUT

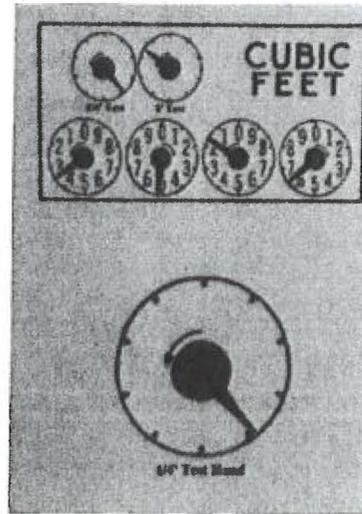
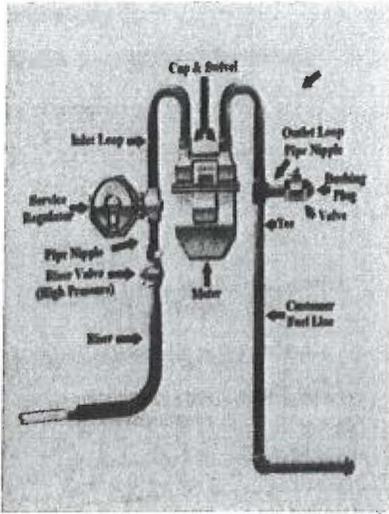
### TURN ON AND TEST OUT

In turning gas service on to a consumer, all gas piping and meters must be purged and appliances relighted. Never turn on gas to a meter or riser valve unless you have access to all appliances on the downstream piping. The person in charge is to coordinate this operation and be responsible for the operation. A complete record of the incident, with drawings, etc., must be kept on file.

### Turn On and Test Out Procedures:

#### Timing:

1. Make a visual inspection of the gas equipment to be tested. Inspect piping, vents, valves, controls and thermostatic controls. This inspection is done to ensure safe operation in the future. NOTE: Ensure no open lines exist inside the structure. NOTE: Never light new equipment. If new equipment is lighted prior to the installer cycling the gas equipment and filling out the warranty card and submitting the information to the manufacture, then that individual or company representative accepts the responsibility of the warranty.
2. Shut off all valves to the gas equipment, if there is no valve present, then cap or plug fuel line in order to perform an accurate test.
3. Loosen the outlet plug at the meter and verify the index is registering (working.) Once assured the meter is registering, replace the plug, turn the riser valve (high pressure) "ON" and observe the test. The following time intervals shall be observed for each specific test hand:
  - A. ¼ foot test hand, observe for 3 minutes
  - B. ½ foot test hand, observe for 5 minutes
  - C. 1 foot test hand, observe for 8 minutes
  - D. 2 foot test hand, observe for 12 minutes



2

### Drakesboro Gas EMERGENCY PROCEDURES

**NOTE:** See "Timing Tables." Timing tables will allow you to calculate how much gas is passing through the meter.

1. When performing a "Time Test" (timing the meter by the index) (use the smallest incremental test hand) always make sure the test hand is in the 7 o'clock up-swing position. This will allow for an accurate time test.
2. Always turn the gas meter valve on slowly while observing the test hand. If the test hand starts to spin rapidly, turn the valve off quickly. This indicates a server leak on the gas line, potentially causing a hazard inside the structure. **NOTE:** If the leak cannot be traced down, the valve at the gas meter shall be closed and locked until a time when the fuel lines can be tested with air or an inert gas. This action will eliminate a hazard to the public and property.
3. If no movement is observed during the timing test, the meter can be left in the "ON" position and only if there is someone present at the structure to receive verification of the gas being turned on to all equipment. A responsible party must receive notice of the gas being turned on. No minors may ever receive this notice. If there are questions as to the age of the person receiving the gas notice, then a driver's license issued by the state of residence must be presented. **NOTE:** At this point, legally the state has recognized this person as a responsible adult. If no one is present to receive notice of the gas being turned on, then the meter valve must be turned to the off position and a lock or locking device must be placed on the valve. **NOTE:** Leave a card on the door for the responsible party to call the utility for testing and to receiving the gas to the structure.

#### Turn On and Test Out Procedures:

##### Pressure Testing:

1. A gauge must be placed on the downstream side of gas meter. The gauge must be a gauge design to register 1 PSIG or less. The regulator shall be set to deliver 7" of Water Column (.25 PSIG or expressed as 1/4 PSIG) to the customer. Most gauges possess dual scales such as "Inches Water Column and Ounces." If using the scale of ounces, the regulator shall be set at 4 oz. Pressure delivery to the customer. See pressures:

28" W.C. equals 1 pound per square inch gauge. A residential gas meter can only register (7" WC/.25 PSIG) delivery and record it on the meter index. Any pressure greater than .25 PSIG is not recorded on the index (super compressibility.)

Example: Price of gas metered (Base Pressure)

14.65 Atmospheric Pressure

.25 pounds per square inch gauge (PSIG)

14.90 pounds per square inch absolute (PSIA)

14.90 psia (Base Pressure)

If a meter records 1000 cfh @ 7" W.C. (.25 PSIG)

7" WC (.25 PSIG) (14.90 x 1000 cfh = 14,900 = 1000 cfh

14.90 (Base Pressure)

14.90

If a meter records 1000 cfh @ 10" W.C. (.35 PSIG)

10" WC (.35 PSIG) (15.00 x 1000 cfh = 15,000 = 1006.7cfh

14.90 (Base Pressure)

14.90

Any pressure delivery over 7" WC is not recorded and never recovered. A loss to the utility.

16 Ounces equals 1 pound per square inch gauge. A regulator must be set at .25 PSIG delivery to the gas meter to accurately record the volume used. If the service tech is using the Inches Water Column scale, then 7" WC will be .25 PSIG. If using Ounces scale, then 4 oz. will be .25 PSIG. The conversion factor from inches to ounces and vice-versa is (1.75)

4 oz. x 1.75 = 7" WC

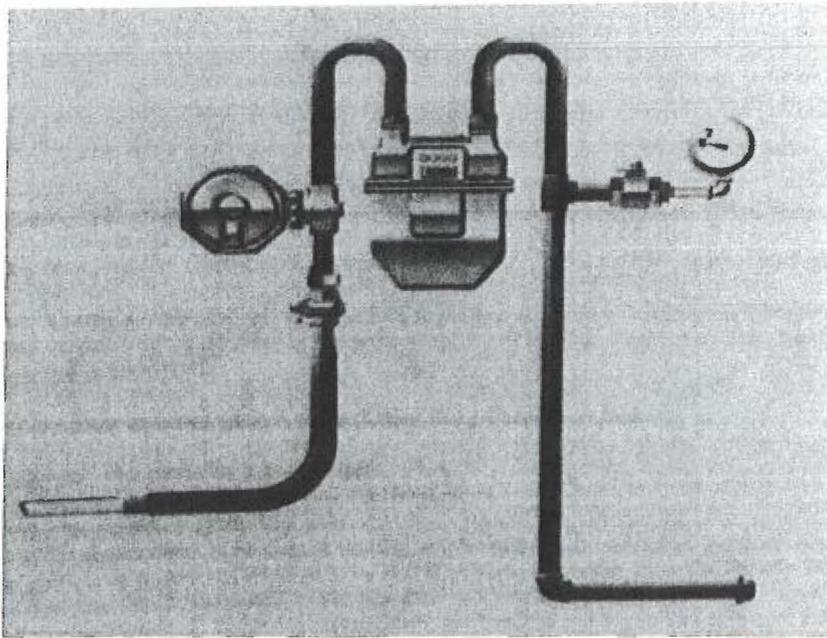
7" WC / 1.75 = 4 oz.

2. With the gauge placed on the downstream side of the gas meter. After checking to ensure all the piping (customer's fuel line) is connected to the gas equipment and the valves at the gas equipment are in the "OFF" position, then cut the high-pressure riser valve off. At this point you are testing the system for decay

of the pressure. If the pressure drops on the gauge then you have a leak on the piping system. NOTE: If you have a high-pressure riser valve that is leaking through, it will pack the nipple between the outlet side

of the high-pressure riser valve and the inlet side of the regulator with high pressure. This may mask a gas leak on the system. However, if after shutting off the high-pressure riser valve for the pressure test, you then lower the pressure in the pipe to a value less than the regulator delivery pressure and you will be executing a legal pressure drop test. Example: If we have the regulator set to deliver 7" WC and after shutting

the riser valve off, we then lower the pressure in the system to say, 5" WC, and the pressure rises back up to 7" WC, it would mean the high-pressure riser valve is bleeding through. If the pressure drops from the 5" WC to less than the 5" WC, it means there's a leak on the piping system, and if the pressure on the gauge holds steady at the 5" WC, it means the test is good and therefore accurate.



2

**Drakesboro Gas  
EMERGENCY PROCEDURES**

If no leaks have been detected, the next step will be to perform proper purging procedures to expel all air from the fuel lines and provide a 100% gas rich environment in the fuel lines. If the fuel line is greater than 2 1/2" then follow **Table III from the NFPA 54 ANSI Z223.1 "Purging of Gas Piping"**.

**TABLE III**

**LENGTH OF GAS LINE REQUIRING PURGING WITH AN INERT ATMOSPHERE**

<u>Nominal Pipe Size, Inches</u>	<u>Min. Length of Piping Requiring Purging</u>
2 1/2 -3	50 feet
3-4	30 feet
4-6	15 feet
6-8	10 feet
8 or larger	any length

4. After safely purging the piping and the environment is safe, the relighting may take place.

**NOTE:** If the test to ensure a tight and secure fuel line is performed with a manometer (Water Column)

make sure the test is performed accurately by observing the following: *NOTE:* The manometer is a choice by the operator. A bourdon tube type gauge is acceptable.

**NOTE: If using the water column gauge, then follow the procedures below:**

1. Fill the column with water to the zero mark.
2. Make sure hoses have no cracks or holes and are tight.
3. Hook up the manometer to the fuel line.
4. Make sure the manometer is setting or resting in a level position where an accurate reading can be observed.
5. Open the gas valve on the meter slowly so as not to blow the water from the column tube.
6. Once the fuel line has pressurized to the regulator set pressure then close the gas meter valve off and observe the manometer. If the manometer shows no leak the gas representative may then perform lighting procedures

2

**Drakesboro Gas  
EMERGENCY PROCEDURES**

**TIMING TABLES**

900 x Rev	¼ foot test hand	1800 x Rev	½ foot test hand
900 x .1	90 / Time = CFH	1800 x .1	180 / Time = CFH
900 x .2	180 / Time = CFH	1800 x .2	360 / Time = CFH
900 x .3	270 / Time = CFH	1800 x .3	540 / Time = CFH
900 x .4	360 / Time = CFH	1800 x .4	720 / Time = CFH
900 x 1.0	900 / Time = CFH	1800 x 1.0	1800 / Time = CFH
3600 x Rev	1-foot test hand	7200 x Rev	2-foot test hand
3600 x .1	360 / Time = CFH	7200 x .1	720 / Time = CFH
3600 x .2	720 / Time = CFH	7200 x .2	1440 / Time = CFH
3600 x .3	1080 / Time = CFH	7200 x .3	2160 / Time = CFH
3600 x .4	1440 / Time = CFH	7200 x .4	2880 / Time = CFH
3600 x 1.0	3600 / Time = CFH	7200 x 1.0	7200 / Time = CFH

**NOTE:** There are 10 increments on a test hand dial (1/4 foot or 1/2 foot) if the hand moves from one increment to the next, it has moved 1/10th (.1). Example: If you have observed the hand move (.1)(1/10th) on a 1/4 foot test hand in a 30 second time span, you would then use the table (900xRev) (1/4 foot test hand).

**90 /30 seconds = 3 cubic feet per hour movement**

2

**Drakesboro Gas  
EMERGENCY PROCEDURES**

**EQUIPMENT INSPECTION AND LIGHTING**

1. Visually inspect equipment
  - A. Vent system
  - B. Wiring
  - C. Burner condition
  - D. Combustion chamber
  - E. Filter
  - F. Fan compartment door

Check the fan & limit settings (fan on 130 degrees, fan off 110 degrees and limit should be set 175-180 degrees)

2. Turn control valve off

3. Turn thermostat to call for heat.
4. Turn control valve to "on" to check safety.
5. If safety is ok, turn control valve to pilot position and light pilot.
6. If pilot safety holds, slowly turn on control valve to ignite burners.
7. Visually check flame condition before fan comes on.
8. Check draft at diverter.
9. Visually check flame condition after fan comes on.

**E:** If a hole or crack in the combustion chamber is suspected or detected, the registers should be closed to pressurize the duct system and the burner flame observed for excess air movement inside the chamber. If a problem is indicated, the equipment will be rendered inoperative, tagged and the customer referred to a licensed contractor for a complete visual inspection of the combustion chamber.

10. Turn down thermostat setting till main burners are extinguished.
11. Turn thermostat setting up and check ignition of main burner under normal operating condition.
12. Lower thermostat setting and allow fan to cycle normally.
13. Notify customer of any repairs or maintenance required.

2

## **Drakesboro Gas EMERGENCY PROCEDURES**

### **PROCEDURES FOR FURNACE INSPECTIONS**

Listed below are samples of the different types of furnaces. Each furnace has different procedure for inspecting, lighting and adjusting.

#### **Wall Furnace**

Always make a visual inspection of a wall furnace, checking for fire hazards. Make sure the furnace is free from lint and any other combustible materials. If for any reason, you find the wall furnace unsafe disconnect, cap and plug off the fuel line to the furnace. If you are unable to disconnect the fuel line loosen the thermocouple. If the unit is a double furnace, check both sides for fire hazards and make sure that no return air for a wall furnace is drawn from bathroom or kitchen. Make sure gas is cut off to wall furnace and no odor of gas is present. Check burner ventilation and pilot for lint and other combustible materials. Check heat exchanger for cracks, burn outs and proper alignment. Always light pilot with the burner in the off position. After proving pilot is lit, turn up the thermostat to call for heat and turn on the burner valve. Observe the gas input on the burner. If in doubt, get BTU rating off name plate and time meter. Make any necessary adjustments by setting appliance regulator to the wall furnace. After a wall furnace has been burning for a couple of minutes, check at the draft hood by holding a lighted match around the entire opening of the draft diverter. When checking draft and vent on the wall furnace, make sure the top of heat exchanger

and diverter are secured properly. Do not light if the wall furnace is dirty or in need of repairs. If the wall furnace is left off, leave a list of needed repairs or services with the customer.

### Circulator

Always make a visual inspection of the circulator, checking for fire hazards. If for any reason you find the circulator is unsafe, disconnect. Remember to make sure the circulator is located so it will not cause a fire hazard to walls, curtains, furniture, doors when operating. Make sure that the circulator is free of lint and any other combustible materials. If the circulator is equipped with a heat exchanger, check for burn outs and cracks. If no gas odor is present, light the pilot with the burner in the off position. After proving safety, if the unit is so equipped, turn on burner and make visual check for complete combustion and proper rating. Check house pressure and check BTU by timing gas meter, set in put if necessary. Check diverter for draft with a lighted match, check vent for proper installation and rust or bores. If circulator has radiant check to make sure they are properly placed. If circulator is left off, leave a list of needed repairs or services with the customer.

### Space Heater

Always make a visual inspection of the space heater, checking for a fire hazard. If for any reason, you find the space heater unsafe, disconnect. Remember to make sure that it is located so that it will not cause a fire hazard to walls, curtains, furniture, or doors when operating. A space heater incorporates no venting arrangements because of its construction. The unit will discharge all combustion products through the combustion area into the room that is being heated. Check to make sure that the burner is not overrated with gas and adjust if needed. The proper adjustment is made by starting with a soft yellow tipped flame and increasing primary air until the inner cone can be distinctly seen. Always make certain primary air adjustment is secured in position and house pressure is set properly. If a space heater is left off, leave a list of needed repairs or services with the customer.

### Forced Air Furnace

When a furnace is in the attic make sure, the stairway or passageway to a furnace is safe and well lit. If the furnace is located in closet or furnace room, check for adequate supply of oxygen for complete combustion and ventilation. Always make a visual inspection of the furnace, checking for fire hazards. If for any reason, you find the furnace is unsafe, disconnect. Check to see if pilot light is on and burning properly. Then check to see if the furnace electric circuit is energized. Also, check the

2

### Drakesboro Gas EMERGENCY PROCEDURES

secondary side of the transformer, disconnect one lead and use tattle lite to trace out low voltage. Never short on the secondary circuits; this might cause the heat anticipator in the thermostat to burn out. If an electric circuit is complete and safe, check for proper operation. When a gas valve is equipped with a bleed, check bleed for proper operation. When a main burner comes on check flame characteristics and ignition, make necessary adjustments. Check all protective devices on furnace for safety and to assure proper operation. Make certain the filter and the fan blower is clear and all doors put back in place. Observe heat exchanger for possible air leakage after the furnace has heated up enough to bring the fan on (you need to be watching the flames as the fan comes on, this way you will not miss a change in the flames) If the heat exchanger has a leak, the burner flame will be distorted. Check furnace vent and relief opening of the draft hood to make sure all products of combustion are going up the chimney. If a furnace is left off, leave a list of needed repairs or services with the customer.

### Warm Air Furnace

When a furnace is located in the basement make sure, the stairway is safe and well lit. Be careful going down

basement steps and approaching furnace. Always make a visual inspection of the furnace, checking for fire hazards. If for any reason, you find, the furnace is unsafe, disconnect. Check furnace pilot light to see if it is burning properly. If the pilot light is out and furnace is not equipped with a 100% safety, leave the furnace door open until all gas odor has dissipated. Observe condition of fire box, heat exchanger and baffles. When equipped with baffles and they are not in proper positions, rearrange them. Relight pilot and check electric circuits to the furnace. If primary circuit is energized, check secondary circuits to prove electric circuit. When furnace burner comes on, check for proper combustion and ignition of gas, then make any adjustments if needed. Check all protective devices on furnace for safety and proper operation. Since this type of furnace depends upon gravity to circulate warm air, make certain all return air ducts are unrestricted. If the furnace is equipped with filters, make sure the filters are clean. Check for proper openings for combustion air, vent and relief openings of draft hood. Remember to make sure that all products of combustion are going up the chimney. If the furnace is left off, leave a list of needed repairs or services with the customer.

2

**Drakesboro Gas  
EMERGENCY PROCEDURES**

**NATURAL GAS LEAKS RESPONSE PROCEDURES**

**RECEIVE LEAK CALL FROM: Dispatcher**

**TIME RECEIVED**

**CORRECT ADDRESS**

**TIME ARRIVED**

Street Name: Road, Drive, Lane, Cove, Private Drive Map book address at the top of page indicate E & W  
Map book address on left side of page indicate N & S Ask for closest cross street or intersection  
If cannot find address, call dispatcher/control room for tap location

**NATURE OF CALL**

**Ask any necessary questions to understand type of leak**

Location of leak

Location of leak in relation to building; 0N, 0E

Location of meter; 0S, 0W

**Where did leak report originate?**

Customer call in

Customer Service

Unit number

Contractor

Passer-by

Leak Survey

Fire/Police Department

**Is leak inside or outside?**

**Is leak cut and blowing?**

**EMPLOYEE SIGNATURE**

**Be sure to use the correct work request number**

**Use date leak issued**

**Record your crew number**

**Record all critically legal information; times being most critical in responding to emergencies**

**EMPLOYEE IN CHARGE OF RESPONDING CREW SIGNATURE FORM**

Supervisor- Crew leader

**OB SERVE THE AREA AND ASSESS THE SITUATION AND DEVELOP A PLAN OF ACTION** What do you see as you approach the job site?

Park up-wind if gas blowing

2

**Drakesboro Gas  
EMERGENCY PROCEDURES**

**Arrival at the scene**

Access to all required PPE

- Hard Hat
- Safety glasses
- Safety goggles
- Work gloves
- Hearing protection
- Flame retardant clothing

**Follow established Safety guidelines**

- Set up job site. All crew members should be able to do this
- Do not get in hole with blowing gas from PE pipe
- In a gaseous atmosphere use supplied air
- Dig separate bell hole if necessary to squeeze PE; valve off
- Use static solution when applicable with PE
- Use grounding wire when cutting steel with trace of gas

**WHO IS AT THE JOB SITE?**

**CUSTOMER SERVICE LEAK SURVEY  FIRE DEPT POLICE OTHER Establish communication**

Customer or Occupant

Customer Service

Leak survey

Fire Department

Police Department

**Emergency Management Association. Use the H. E. L. P. process**

Hazard ..... **Is there a hazard**

Extent ..... **What is the extent (of hazard)?**

Life ..... **Take action to protect life first**

Property ..... **Protect property second**

**Are large amounts of gas present?**

**Establish perimeter to keep everyone out.**

**Evacuate if necessary; move people far enough away from danger area.**

**Keep the public out of the area.**

**Keep media back out of the area.**

**COMBUSTIBLE GAS INDICATOR, CLEAR & ZERO IN A GAS FREE ATMOSPHERE**

Visually inspect CGI

Calibration date current on equipment. Legal issues. Calibrate on scheduled dates.

Leak test, hold finger over end of probe and squeeze bulb. (If aspirator type.)

Bulb should remain deflated for 30 seconds.

Check batteries, needle movement, gauge

Cracks in hosing material

Physical damage

Zero both LEL and UEL or % GAS scale

**Turn switch clockwise until meter is zeroed on the LEL scale. Switch to % Gas and zero using zero adjustment (ZA) screw if applicable. If voltage is low the instrument will not zero.**

Know the condition of your cotton filter

Purge CGI in a gas free atmosphere, squeeze bulb 7-8 times

**Inside leaks start on LEL scale**

2

### **Drakesboro Gas EMERGENCY PROCEDURES**

Underground leaks start on UEL or Gas scale 100%

Crew member get bar rod and other tool from truck

Lower Explosive Level, 5% scale

1. Scale 1-100, 20% LEL = 1% Gas in air
2. Scale 1-100, 40% LEL = 2% Gas in air
3. Scale 1-100, 60% LEL = 3% Gas in air
4. Scale 1-100, 80% LEL = 4% Gas in air
5. Scale 1-100, 100% LEL = 5% Gas in air
6. 5% GAS = 100% off scale

Upper Explosive Level, GAS scale

Registers % of Gas in air

Measures from 1% to 100% Gas in air mixture

Use sustained reading, 10-12 pumps and until needle stabilizes

Record your findings or readings

Never use any EGD instrument that doesn't record CH<sub>4</sub> in the place of the CGI

Never These: Gas Trak, your nose or someone else's nose

Purge CGI when the test is complete, do not leave gas in the CGI

**NOTIFY OCCUPANT, KNOCK ON DOOR, DO NOT RING DOOR BELL**

Never, ring a door bell; that may be the ignition source.

Identify yourself as an employee of the utility and state your purpose for being there.

Be calm and do not get excited.

If leak is outside, inform customer that you may be in their yard

**SAMPLE AIR TOWARD THE CEILING WITH YOUR CGI ON LEL SCALE, EYES ON THE CGI**

When you take your first several samples, your eyes must be on your CGI because the needle may move very rapidly. If it does you may never see the movement. Natural gas is lighter than air and will rise toward the ceiling.

Natural gas specific gravity .60/air 1.0

**NO READING ON YOUR CGI INSIDE IN AN OPEN ATMOSPHERE**

Ask the customer if and where the odor complaint has been coming from. Never state you smell gas or refer to the problem as a gas. Refer to the problem as an odor. This is done solely so as not to alarm the customer. Remember, you are the gas expert. That's why they called you and not a doctor, lawyer or a candle stick maker.

**ANY READING ON YOUR CGI INSIDE IN AN OPEN ATMOSPHERE,**

**EVACUATE SAFELY?**

Do not operate any electrical switches

Do not operate any type of telephone nor hang it up

In a very calm, confident manor evacuate safely if gas is present. You should get everyone out of the building and evacuate the structures on both sides. Locate to a safe distance.

Establish a safe perimeter and keep the public at a safe distance. Fire and police assistance.

Leave open the door that occupants came out.

Do not enter a structure with gas present to open doors and windows.

Use a fan/aerator to pull gas away from structure. (Make sure it is incendiary safe)

You may dig a vent hole between structure and leak.

### **NOTIFY THE CONTROL ROOM, DISPATCHER, FOREMEN, SUPERVISOR**

Required to notify control/dispatcher if you need to evacuate.

Notify your Foremen or Supervisor.

Ask for any additional help from fire or police if necessary.

Call for additional Customer Service or gas personnel if needed.

### **ELMINATE POTENTIAL IGNITION SOURCES**

Shut off gas meter to extinguish open pilot lights.

Have electric, telephone and cable cut off at a safe distance.

Eliminate ignition sources to all buildings evacuated.

### **IDENTIFY IF IMMEDIATE HAZARD EXIST AND/OR EXTENT OF (GAS MIGRATION)**

Determine the extent of the hazard by checking at the foundation on all sides with CGI.

Determine the possibility of multiple underground gas leaks and the migration of gas into nearby buildings/structures.

**NOTE: DO NOT ASSUME THAT ALL GAS BLOWING FROM A DAMAGED GAS LINE IS VENTING TO ATMOSPHERE.**

Check by moving outward in all directions until no gas is detected underground.

Move all personnel still farther from this area.

Bar rod and check with CGI over gas services and mains, any potential ditches across the property, manholes, drains or any other access.

### **ESTABLISH A SAFE PERIMETER**

After determining the extent of the gas migration set up your perimeter.

Keep all unnecessary personnel out of this area. (Hot zone) (Cold zone)

Let the Police and Fire department maintain these zones

28

### **ELIMINATE THE GAS**

Eliminate the gas by use of:

Valves

Squeeze off tools

Tapping tees

Cut & capping

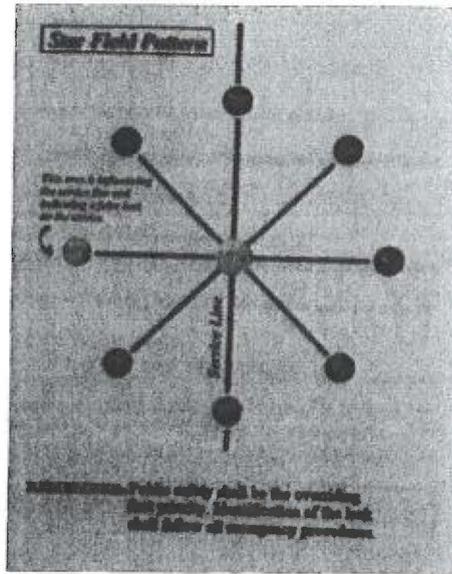
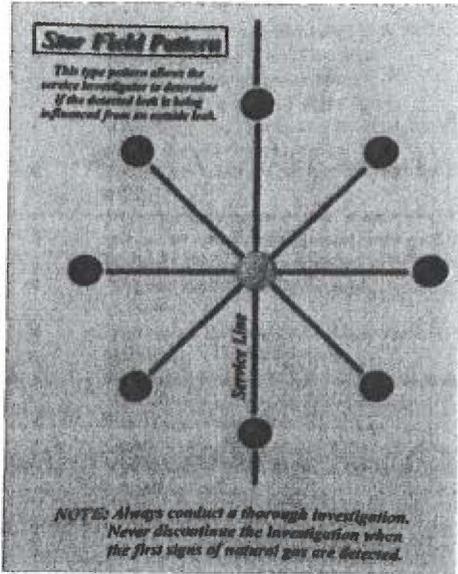
Purging a section already valved off

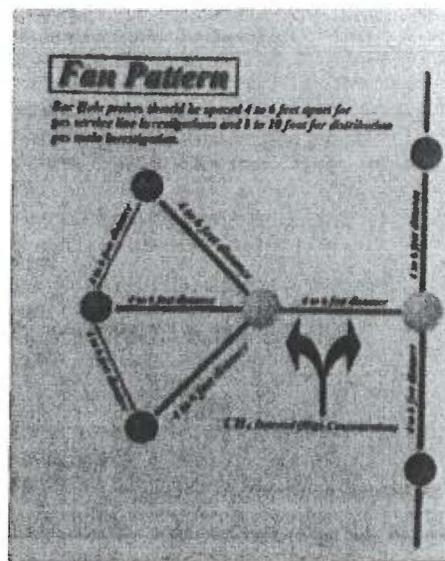
Vent holes

## **PINPOINT THE GAS LEAK**

Determining the outer boundaries of the gas leak will define the area in which the leak must be repaired. Use pattern (star) and (fan) to pinpoint migrating gas leakage.

**Drakesboro Gas  
EMERGENCY PROCEDURES**





32

2

### Drakesboro Gas EMERGENCY PROCEDURES

Locate the main and any services or stubs, or other gas lines.

Locate any other lines in the area.

Inspect CGI for physical damage.

Purge CGI in a gas free atmosphere.

Take CGI readings in bar holes of equal depth and at the top of the hole as well to ensure you are not below the gas pipe with your bar hole.

Pump CGI 7-8 times per hole and use the highest sustained reading. (Only if aspirator bulb is used with the CGI).

Initial bar holes to be 6' - 10" apart. (10'-20' in some areas of the country).

Record all initial and sustained readings for each bar hole.

Highest CGI reading is assumed to be the location of the leak. (May require further tests)

When all readings are about equal, test the top of the bar hole and find the highest reading, usually closest to the leak.

Sight-Look across top of bar hole close to the ground to find escaping fumes. Put dust in hole and note the turbulence of the dust particles.

Feel-Place the back of hand on top of bar hole and feel for slight pressure.

Aeration-Purge the gas from bar bores either over the gas line or away from the gas line.

Don't purge every bar hole.

Create a vacuum. You must have a good seal on purger. **DO NOT BLOW AIR INTO BAR HOLES.**

The hole that builds up gas in the shortest time and maintains a steady reading shall be assumed to be nearest the leak.

### **FACTORS AFFECTING GAS LEAK PATTERNS AND MIGRATION SOIL TYPE**

Porous soils offer little resistance.

Clay soil greatly restrict.

Alluvium soils are sandy and offer less resistance.

### **PATTERNS**

Small circular patterns.

More lateral spread, larger and somewhat irregular patterns.

Large irregular patterns. Forced to follow cracks, fissures and voids.

State line pressure

Leak size

Depth of cover

Water content of soil

Compaction of soil

Underground voids

Frost, Paved areas. Street, Sidewalk, Parking lot. Driveway,

Frozen ground

### **EXCAVATE**

Involve the ONE-CALL SYSTEM-811 DAMAGE PREVENTION COORDINATING COUNCIL

Leave hole open to ventilate.

If gas leak is not in the first hole, determine from which direction the leak is coming from. **REPAIR THE LEAK(S) AND RE-CHECK THE AREA**

33

Have a manned fire extinguisher when working on a gas leak, taking into consideration wind direction.

Always position the fire extinguisher upstream of the wind.

Repair the leak.

Re-check the area and don't leave gas in the ground.

2

**Drakesboro Gas  
EMERGENCY PROCEDURES**

**ABNORMAL OPERATING CONDITIONS**

**Failure to follow established procedures**

**Fire on pipeline facility**

**Low oxygen atmosphere**

**Under Odorized**

**A malfunction of operations of the pipeline or any component(s)**

**No Gas**

**Gas blowing**

2

**Drakesboro Gas  
EMERGENCY PROCEDURES**

**CHECK LIST (MAJOR EMERGENCY)**

- 1. Has the Fire Department been called?
- 2. Have occupants been evacuated and the area blockaded?
- 3. Has the Police Department been notified?
- 4. Has the repair crew been notified?
- 5. Has the company call list been executed?
- 6. Have communications been established?
- 7. Has outside help been requested?
- 8. Have ambulances been called?
- 9. Has leak been shut off or brought under control?
- 0. Has Civil Defense been notified?
- 1. Have emergency valves or proper valves been identified and located to shut down or reroute the gas?
- 2. If an area has been cut off from the supply of gas, has the individual service of each customer been cut off?
- 3. Is the situation under control and has the possibility of reoccurrence been eliminated?

4. Has the surrounding area, including any buildings adjacent to and across the street been tested for potential leakage?

5. Has the proper tag been place on the meter?

6. Have telephonic reports been made to the state?

7. Have telephonic reports been made to the DOT/RSPA?

8. Has chosen radio station been given instructions (if necessary)?

**Drakesboro Gas  
EMERGENCY PROCEDURES**

**HOW CAN YOU PREVENT GAS EMERGENCIES?**

- . Keep all appliances clean properly vented and serviced regularly.
- 1. Make sure everyone in your family knows how to operate the gas appliances and shut-off valves.
- 2. Don't use or store gasoline, aerosols or other products with flammable vapors near gas appliances.
- 3. Don't use an open gas oven for heating your home or drying clothes.
- 4. If you have gas logs in your fireplace, the damper must be permanently block open.
- 5. Whenever changing your furnace filter be sure to re-install your fan compartment door.
- 6. Never cover fresh air vents, louvers or fresh air returns that supply air to your gas appliances.
- 7. Have all gas line alterations and appliance repairs performed by a professional. □ □ □
- 8. Before digging in your yard, be sure you know the location of underground gas lines. Call 811.
- 9. Write your fire and police department phone numbers and our emergency number in the front of your phone book or in a convenient high-profile location.
- 10. Stop by the office for Public Education flyers. Contact your Emergency Management Agency or the office of the Public Service Commission for information as well.

**Drakesboro Gas  
EMERGENCY PROCEDURES**

HAZARDS OF NATURAL GAS AND CARBON MONOXIDE

*NATURAL GAS HAZARDS:*

There are three main concerns in dealing with natural gas;

1. Explosion
2. Fire
3. Asphyxiation

The explosion of natural gas can occur when natural gas is confined and allowed to build up in volume. The mixture of natural gas and oxygen must possess a certain quantity of both.

When natural gas makes up approximately 4.5% of the atmosphere in a confined space, this is called the Lower Explosive Limit (LEL) of natural gas. When natural gas makes up approximately 14.5% of the atmosphere in a confined space, this is called the Upper Explosive Limit (UEL). The range from 4.5% gas-to-air to the 14.5% gas-to-air, this is called the Flammability Range of natural gas. Between 4.5% to 14.5% natural gas can and will explode. Below 4.5% there is not enough gas for ignition. Above 14.5% there is too much gas for ignition. The ignition temperature for ignition of natural gas is between 1100 to 1200 degrees Fahrenheit. Simple static electricity can ignite natural gas within the Flammability Range.

When entering a building structure with electronic detection equipment, the unit must be cleared and zeroed outside to ensure the operator of receiving an accurate reading upon entering an enclosure. If the operator records a reading on the equipment in open atmosphere, this shall be considered a hazardous environment. Any reading in open atmosphere no matter how small means that there is a higher concentration somewhere else in the structure you have just entered. It may conceivably be in the walls or in the ceiling or underneath the floor entering the building structure. Somewhere between your electronic detection equipment and the concentration of natural gas is the Flammability Range of natural gas just waiting to ignite. This a paramount concern for any life in and around the structure. Emergency Procedures are to be followed upon detection of natural gas in open atmosphere. The Gas Company should be notified immediately upon detection.

**FIRE**

Once natural gas has ignited and the gas and surrounding materials are burning, caution must be observed during the firefighting phase. The two primary responses in fighting a natural gas fire are:

1. Terminate the gas supply
2. Address the burning material and not the burning gas

Termination of the gas supply is a must. Termination means cutting the gas off. The first and primary response to cut off the inlet valve on the riser feeding the meter. Once the valve on the riser has been cut off, the fire will quickly consume the gas inside of the piping system feeding the building structure. Once the feed of gas has been terminated the fire can be safely extinguished. **NOTE: Never put out a blowing gas**

fire. It may reignite the gas, causing an explosion inside the structure which may collapse the walls and drop the ceiling. If the gas is burning, it cannot explode!!!! It is being consumed under a controlled burn.

## ASPHYXIATION

Natural gas will displace the oxygen in a confined area. As this occurs several things can happen to the occupants of the structure:

1. Prolonged exposure to natural gas will numb the sense of smell to the point where natural gas can no longer be detected. Prolonged exposure can give the occupants a false sense of security. Example: I don't smell it anymore, it must have gone away.
2. The occupants of the structure can be overcome by asphyxiation. Fresh air or a breathing apparatus may be a means to revive the occupants.
3. Death can occur by means of asphyxiation.

As responders you should remember gas is displacing the oxygen inside the structure, which means there is a higher concentration of gas in air present. If the level of gas gets above the Upper Explosive Limit (UEL), the gas will not ignite nor burn (to much gas and not enough air). Entering this environment will require a breathing apparatus for long exposures. NOTE: If there is a high concentration of natural gas present (above the UEL), caution must be taken when ventilating and terminating the gas supply. If the gas supply is terminated and the enclosure is ventilated, this will bring the level of gas present down to a safe level.

Always remember that as the level of gas comes down, it will go through the Flammability Range of natural gas (4.5% LEL to 14.5% UEL). This is the point where the gas can be ignited. Extreme caution must be taken during the ventilation and termination phase of correcting this type of problem.

## CARBON MONOXIDE HAZARDS

Carbon Monoxide is produced from the incomplete combustion of natural gas. Carbon Monoxide is a physical gas and is to be treated with caution just as you would natural gas. Always remember that carbon monoxide is a by-product of natural gas. The primary concern with carbon monoxide is CO poisoning associated with human life. Like natural gas, CO can create the same hazards. A victim of natural gas exposure can recover without noticeable side effects, but victims from CO poisoning may suffer for the rest of their lives or may never recover. Carbon monoxide if inhaled and absorbed through the lungs into the bloodstream can strangle the victim and cause death. Hemoglobin in the blood is responsible for transporting oxygen to the brain. CO will link with hemoglobin, displacing oxygen and producing a CO poisoning in the body. If the blood oxygen is reduced enough, it can result in unconsciousness, brain damage or death.

Symptoms of CO poisoning exhibited in stages are:

### EARLY STAGES:

- \*Flu-like symptoms
- \*Headache, throbbing at the temples
- \*Weakness
- \*Nausea and vomiting
- \*Increased pulse and respiration
- \*Confusion
- \*Partial loss of muscular control
- \*Tightness across the forehead
- \*Dizziness

### MIDDLE STAGES:

- \* Conscious, but very confused
- \*Unable to move due to muscular weakness

### FINAL STAGES:

- \*Blood pressure falls
- \*Intermittent convulsions
- \*Muscular control is lost
- \*Breathing grows shallow until it finally stops
- \*Reflexes are dulled

NOTE: Other symptoms that identify CO exposure that may go un-noticed are as follows:

- \*Sore throat
- \*Eyes burning
- \*Nasal passage drying
- \*Loss of smell associated with Aldehydes in CO

## CONCENTRATIONS OF CARBON MONOXIDE IN AIR

### FACTORS THAT AFFECT THE AMOUNT OF CARBON MONOXIDE ABSORBED:

- CO concentration in the air.
- Length of exposure (In some cases long exposure to smaller levels of CO can produce severe symptoms that are normally associated with higher levels of Carbon Monoxide).
- Number and length of periods of breathing fresh air between exposure.
- The degree of physical activity; the greater the rate of respiration the more CO will be inhaled.
- Physical health; sick people are affected first. Smoking increases the amount of CO in the bloodstream.
- Age; infants and elderly people are more susceptible to CO poisoning.
- Pregnancy; if a woman is pregnant, CO exposure can affect the fetus.
- Altitude; the effects of CO poisoning are greater at higher altitudes.

### OSHA STANDARDS:

The ambient air refers to the air in the building. The standards for CO levels in air almost always address exposure time.

In 1989 the Occupational Safety and Health Administration (OSHA) adjusted revised standards for the workplace:

35 ppm as the threshold limit value based on a time-weighted average concentration for a normal workday (8 hours).

### EPA STANDARDS:

In 1984 the U.S. Environmental Protection Agency (EPA) reevaluated the scientific data concerning health effects associated with exposure to CO. Their standards, set forth in the 1979 Clean Air Act, continues to be:

9 ppm for an 8 hour average and 35 ppm for a 1 hour average.

### Drakesboro Gas Standards:

Drakesboro Gas shall affiliate its standards with the Occupational Safety and Health Administrations (OSHA) Standards.

## CONCENTRATIONS OF CARBON MONOXIDE IN AIR

35 ppm                      Time weighted average limit for continuous exposure in any 8 hour period

200 ppm 2-3 hours	Short term exposure limits 15 min., slight headache, tiredness, dizziness, nausea after 2-3 hours
400 ppm	Front headaches within 1-2 hours, life threatening after 3 hours
800 ppm	Dizziness, nausea, and convulsions within 45 min., unconsciousness within 2 hours, death within 2-3 hours
1600 ppm	Headache, dizziness, and nausea within 20 min., death within 1 hour
3,200 ppm	Headache, dizziness, and nausea within 5-10 min., death within 30 min.
6,400 ppm	Headache, dizziness, and nausea within 1-2 min., death within 10-15 min.
12,800 ppm	Death within 1-3 min.

#### FLAMMABLE RANGE OF CARBON MONOXIDE

So many times we lose sight of the other dangers of carbon monoxide. We are aware of the fact that CO is a toxic physical gas and can cause death upon long exposures. But we must also guard against the other potential hazard of CO. Carbon Monoxide has a "Flammability Range" just like natural gas. The flammability range for carbon monoxide is (12.5% LEL to 74% UEL). Carbon Monoxide is a by-product of incomplete combustion (not enough air for combustion). This means the natural gas being burned has not fully been consumed to produce harmless water vapor and carbon dioxide.

Caution should always be observed when entering an enclosure where a CO reading on test equipment indicates a level of 12.5% to 74%. When entering an enclosure and taking readings, one should take the readings in open atmosphere midway to the upper area of the ceiling. The reason is, carbon monoxide is slightly lighter than air. Air has a weight of 1.0 and carbon monoxide has a weight of .97. It will collect midway upwards to the ceiling. This is the area where the strongest concentration will be. Always remember this, "CARBON MONOXIDE CAN EXPLODE".

#### NATURAL DISASTER PLAN

The purpose of the Emergency Response Plan is to insure an overall effective and well-organized response to any natural disaster or major system incident which would severely limit or interrupt service to electric, gas, and/or water customers. The primary objective of this plan is to protect the public and Operator's facilities and to minimize customer inconvenience due to loss of service.

The plans that comprise the Emergency Response Plan are intended to serve as a general guideline to help establish lines of communications in the event of a natural disaster or major system incident. With these lines of communication established and periodic testing of the Plan, it is hoped that the objectives can be met.

The Emergency Response Plan is comprised of separate plans. Each plan calls for convening a group of experts, or Crisis Teams, to respond and coordinate all efforts pertaining to any situation where communication and control of an incident would be improved by implementing the plan. These teams will be the focal points through which outside aid will be requested from and coordinated with local, state, and federal emergency management agencies. These teams and their responsibilities are:

**EXECUTIVE CRISIS TEAM** - Direction of overall response effort of, the Operator and coordinate with City and County Emergency Management Agency and other agencies when required.

**SYSTEMS CRISIS TEAMS** - Direction of overall response effort for restoration of service in the electric,

gas, and/or water systems. System Crisis Teams are responsible for coordination between Operation Centers and appropriate Dispatch Centers.

**TELECOMMUNICATIONS CRISIS TEAM** - Direction of response effort for restoration of any failure in communications systems which would limit control of dispatching services and monitoring capabilities of electric, gas, and/or water systems, or severely impair normal business activities.

**CORPORATE CRISIS TEAM** - Coordinating all efforts aimed at returning all business activities to normal activity, so as the day to day cash flow and information processes can be resumed as soon as possible.

**FACILITIES AND SECURITY CRISIS TEAMS** - Coordination of all support efforts during any restoration effort. These efforts may relate to safety and security of the Operator's employees and facilities, repairs, needed to put damaged facilities back into service, the procurement and assignment of all vehicles and equipment required and the emergency purchase of supplies and material needed.

**CORPORATE COMMUNICATION SERVICES** - Coordination and release of all information to the news media for release to the general public.

**OPERATIONS SUPPORT SYSTEMS** - Coordination of all efforts in the restoration of the EMS, SCADA and/or Communication systems to the Operator's end-users.

## ACTIVATION GUIDELINES

The Emergency Response Plan is designed to be modular in nature such that anyone or combination of plans can be activated when needed. Conditions that would warrant activation of the Plan include:

1. A natural disaster or major system incident has occurred.
2. One or more systems is threatened by ground movement or pending weather extremes.
3. Any circumstance where communication and control of an incident would be improved by implementing the plan.

The electric, gas, and water system plans have certain guidelines or "triggers" which call for a Key Group to assemble, assess a situation and make a recommendation to the Operator whether to declare a system emergency and activate the Plan. The declaration of a system emergency shall be made by the Operator. In the absence of the Operator, the declaration shall be made by the next in command. The Emergency Response Plan or any component therein may then be activated.

## CRISIS MANAGEMENT TEAMS

Each component of the Emergency Response Plan defines who comprise the members of each Crisis Team and who the Team Leader will be. Each Plan has a call list of "primary" and "alternate" contact(s) to be notified when the Plan is activated. These teams shall coordinate the various functions which will constitute the overall response by the Operator to any natural disaster or occurrence of any major system(s) incident.

## COMMAND CENTER

Each component of the plan defines a primary and alternate Command Center. Each Plan also lists the resources required to be at each site. In some cases the items on these lists may be duplicated. However, where joint use can be made of some of the items, only one of those items will be stored at each site or storeroom.

Each Command Center site requires certain modifications/reassessment before it can be activated.

## RESPONSE/REPAIR/RESTORATION

Whenever the Emergency Response Plan is implemented in its entirety or in part, prioritization of system response and repair restoration efforts shall be carried out as outlined in each of the respective Response

(Electric, Gas, Water, etc.) Plans.

To assist in service restoration and damage assessment, the Operator should have in place an agreement with an outside service. This service will provide assessment of damaged facilities to facilitate restoration efforts. Once assessment is done, the service can provide transportation for "key personnel" in the event ground transportation is ineffective.

#### OUTSIDE ASSISTANCE

The Operator shall have in place a Mutual Assistance Agreement with outside utilities, contractors and sub-contractors who will make available manpower, material, and equipment to aid in the restoration of service and facilities. Specific utilities and contractors are listed in the Emergency Call List.

#### PURPOSE OF PLAN

The purpose of the Gas System Emergency Response Plan is to insure an effective, professional, and well-organized response to a natural disaster or major gas system incident. The primary objectives of the plan are to protect the public safety and to minimize customer inconvenience due to gas service interruption. Specifically, the plan addresses the following areas:

1. Guidelines for activating the Gas System Emergency Response Plan.
2. The organization and responsibilities of the Crisis Team to direct the overall response to the emergency.
3. Guidelines for establishing a Command Center including the location and resources required.
4. Guidelines for general employee responsibilities during the emergency.
5. The master plan for emergency response, repair, and restoration of the gas system.

#### ACTIVATION GUIDELINES

The Gas System Emergency Response Plan may be activated as detailed below whenever any of the following conditions exist:

1. Natural disaster such as earthquake, tornado, flood, etc.
2. Predicted heating degree day of 55 or more
3. Unscheduled loss of a gate station
4. Any event defined as an "emergency" in Section 121.1 of the Operating & Maintenance Procedure Manual.
5. Supply and/or capacity shortage
6. Civil disturbance.

The occurrence or prediction of any of the above listed incidents shall require the Gas System Operator to notify all affected personnel of the situation.

Emergency Response Plan Resources Team. This group shall meet and perform a preliminary assessment of the situation and recommend to the Operator whether to declare a system emergency. In the absence of the Operator the next in command shall make the emergency declaration.

This group will also assess whether full activation of the Gas Crisis team is required. If the Crisis Team needs activation, the Operator shall notify personnel using the emergency call list and instruct them to report to the Command Center. Where "primary" and "alternate" contacts are listed, start with the "primary" contact(s) and, if that person is not available, continue to the "alternate" contact until one is reached.

Please refer to the "Operating and Maintenance Procedure Manual" for instructions on responding to other,

more isolated emergencies on the gas system and gas outage/low pressure situations.

#### GAS CRISIS TEAM

Whenever the Gas System Emergency Response Plan is activated, the following Crisis Team shall be assembled at the

Command Center: TEAM LEADER System Operator Alternate Operator TEAM MEMBERS

Supervisor, Gas/Water Systems Operation

Supervisor, Gas Distribution Engineering

Supervisor, Customer Service

Chief Communications Officer

#### TEAM RESPONSIBILITIES

As the Team Leader, the Operator is responsible for heading the Gas Crisis Team and for directing the overall response to the emergency. In his absence the Alternate Operator shall lead the team. If neither are available, then the Operator shall assign a member of the Key Group to head the team. Each of the other team members shall be responsible to advise the Team Leader on the activities within their normal functional responsibilities and expertise, and to direct these activities as assigned by the Team Leader.

#### COMMAND CENTER LOCATION OF CENTER

The Emergency Response Command Center shall be located at the Operations Facility or dispatcher's office, if this building is functional and not extensively damaged. If the Operations Facility is damaged and not functional, the Command Center shall be located in an assigned Command Post location predesignated within the system. Employees in these areas will be instructed to report to the alternate location by their supervision, if necessary. Resources such as telephones, radios, and necessary emergency communication equipment shall be relocated there or reassigned to such location.

#### RESOURCES FOR COMMAND CENTER

The following resources should be considered to be kept at Operator's Command Center:

Quantity	Item Description
1	AC powered cable ready television
1	Battery/AC powered AM/FM radio
1	Battery/AC powered hand held tape recorder
1	Battery/AC powered NOAA weather radio
1	Base Station Radio
1	System Maps
2	Hand-held flashlights
2	Telephones
1	Remote Telemetry Transmitter
1	Lap Top Computer/System Information
1	Facsimile terminal

#### RECORDS IN COMMAND CENTER

The following records shall be kept at the Operator's Command Center:

1. Gas main block maps (hard copy)
2. Map of City Gas System
3. Map of County Gas System
4. Meter Reading street index maps

5. Copy of the operator's Emergency Procedures
6. Copy of the operator's Operating and Maintenance Procedures
7. Copies of the Emergency Call
8. Copy of Telephone Directory (White and Yellow pages).

NOTE: During the emergency, the following information will be recorded and retained:

1. Date, time, location, and description of significant events.
2. Names and locations of employees and outside/contract employees involved.
3. Names of outside/contract employees assigned to emergency, the time they were assigned, and the time they completed their assignment.
4. A description of all work done and material used.
5. A description of any follow-up work required at later date.

#### MAINTENANCE OF RECORDS/RESOURCES

All records kept in the Operations Facility shall be updated through normal company procedure. The Operator of the System shall be responsible for ensuring that all Command Center records and resources are present and up to date prior to an emergency.

#### EMPLOYEE RESPONSIBILITIES

When an emergency involving a natural disaster occurs during normal work hours, employees will be allowed time, when requested or if necessary, to check on their families and homes as soon as practical following the incident. Employees are expected to report back to work as quickly as possible, as the Operator must respond promptly to protect the safety and well-being of the community.

When an emergency involving a natural disaster occurs during off-hours, only employees involved in initial response and restoration effort (On call/Watch employees) should report to the Operator after ensuring the safety of their families and homes.

All employees shall report to their normal work locations unless otherwise specified or directed by their supervision or the Gas Crisis Team.

#### RESPONSE/REPAIR/RESTORATION PHILOSOPHY

Whenever the Gas System Emergency Response Plan is implemented, the Operator shall observe the following categorical in prioritizing the gas system response, repair and restoration efforts:

1. Response to potential dangers to public (explosions, fires, gas inside buildings, blowing gas, preventing explosions/fires)
2. Response to explosions/fires
3. Damage assessment (requiring immediate repair)
4. Shut-down
5. Repairs (short-term)
6. Restoration of service
7. Assessment of damage/system checks (for less obvious problems)
8. Repairs (long-term)

#### Response to Potential Dangers

The first priority will be preventing gas explosions/fires by responding to reports of large volumes of gas inside buildings or blowing gas. Top priority will be given to high-occupancy buildings which are impractical to evacuate (hospitals, nursing homes, etc.) and densely populated areas. Individual residences and businesses shall be instructed to take precautions to prevent gas explosion/fire (eliminate ignition sources, evacuate, ventilate, etc.) until we can respond.

#### Response to Explosions/Fires

Emphasis will be placed upon preventing explosion/fire in surrounding structures and lessening damage at the incident site by isolating the problem.

#### Damage Assessment (Immediate Repair)

Emphasis will be placed upon determining areas of major damage and problems requiring immediate repair.

A "preliminary" damage assessment will be made by the key group assembled as a result of a triggering incident. (See: Activation Guidelines.) The key group will make a "preliminary" assessment of the situation and determine if a system emergency should be declared and recommend activation of the Plan and Gas Crisis Teams or evaluate if standard procedures are sufficient.

Gate and district regulator stations, transmission lines, major distribution lines and LNG facilities should be inspected at this time as well. Particular emphasis should be placed on any cast iron system if they exist. Aerial assessment may be the best method to inspect outlying areas. Arrangements should be made ahead of time for aerial service from well outside the affected area due to possible damage to airport/landing facilities.

If the Emergency Response Plan is activated along with the Gas Crisis Team, then the Gas Crisis Team should conduct the first full scale assessment of damages. After completion of the assessment, the Gas Crisis Team should plan the first efforts of the restoration process and communicate it to Operations facilities/dispatchers for dispersal internally and externally. If the emergency lasts several days, an assessment will be conducted each day at approximately midnight after the preceding day's work has been performed and reported. This assessment will determine present status and what the next day's strategy will be. Upon completion of that day's assessment, a strategy will be communicated in time to the work force for implementation and for communication to the media. This information should be ready to communicate by 4:00 AM.

#### Shut-Down of Systems

If necessary for the public safety, segments of the gas system may require shut-down. These segments should be limited to what is necessary to insure public safety to expedite the restoration process and minimize customer inconvenience. Any shut-down will be directed by the Gas System Operator, except in cases of dire emergency. In these cases shut-down must be reported to the Gas System Operator as soon as practical.

#### Repair (Short-Term)

Emphasis will be placed upon making necessary repairs to the gas system in order to restore service as quickly as possible. To accomplish this, it may be necessary to make temporary repairs in some situations. Top priority will be given to hospitals, nursing homes, schools and facilities critical to the emergency response/disaster recovery effort. Repairs involving the installation or replacement of mains or services will be directed by the Gas Operator. Proper records of all repairs will be kept, with emphasis on areas requiring follow-up work for permanent repair. If necessary, construction crews may need assistance from contractor crews and/or crews from other gas companies. Arrangements for outside assistance should be made ahead of time (see Outside Assistance).

#### Restoration of Service

Gas service will not be restored to an area until it is safe to do so. That is, necessary repairs to the system have been made and all affected service lines have been isolated at the meter. Top priority will be given to hospitals, nursing homes, and facilities critical to the emergency response/disaster recovery effort. If necessary, all available personnel not qualified for natural gas work shall be trained and qualified under the Operator's Gas Operator Qualification Training and Evaluating Program and trained to perform relights and assist the Operator Qualified Customer Service in the restoration process. Arrangements should be made ahead of time for additional outside assistance from contractors and/or other gas companies in the event they are needed (see: Outside Assistance). Meter Readers should be used to assist outside or unfamiliar persons in locating gas meters.

#### Damage Assessment/System Checks

Emphasis will be placed upon checking the system for minor leaks, less obvious problems, and determining the overall integrity of the system. The first priority will be the more densely populated areas (downtown, medical center, business districts, etc.). The next priority will be the cast iron system. Leak survey will be the primary means of performing this assessment. If necessary, personnel may need assistance from outside leak



Has Mutual Assistance Agreement been evoked?

Can outside assistance get into critical areas?

Has outside help been issued copy of call list?

Has in-house personnel been re-assigned?

Does outside help need food/shelter? Logistics?

Has law enforcement been updated (crisis)?

Has fire officials been updated (crisis)?

Has news media been updated (crisis)?

Name

Date

ACCIDENT INVESTIGATION: Additional to Drakesboro Gas O&M Manual Section 126 and the Department of Transportation CFR 49, 192.617

Each operator must establish procedures for analyzing accidents and failures, and at the least: (49 CFR 192.617.) This is done to establish investigative guidelines by the Operator.

- Evaluate the situation.
- Protect life and property.
- Keep the area safe.
- Conduct a leak survey.
- Conduct pressure tests of piping.
- Do meter and regulator checks.
- Question individuals on the scene.
- Examine burn and debris patterns.
- Test odorization level.
- Record meter reading.
- Record weather conditions.
- Select samples of the failed facility or equipment for laboratory examination for the purpose of determining the causes of the failure and minimizing the possibility of recurrence.
- Notify the appropriate insurance company.

#### Evacuation Procedure Guidelines

If you smell natural gas or an odor you cannot identify, you need to take the proper precautions. Here are steps to ensure your safety:

- Call from a remote location and not from the suspected source of the odor to report the problem. Never call from the area where you smell the odor.
- If you have called from the area of the odor, then lay down the phone, do not hang it up. It may be an ignition source.
- Go to a safe distance beyond the affected structure to make the call, preferably 150 feet away.
- Do not turn any switch on or off, it may be an ignition source.
- If evacuation is required by you or by qualified natural gas personnel or maintenance staff, remember to follow set procedures for evacuation (predetermined location) or at least 500 feet away with a buffer in front of you.

#### Building Evacuation

- a. All building evacuations will occur when a building alarm (fire alarm) sounds and/or upon notification by qualified staff (Maintenance, Security, Fire, Director of Residence, etc.).
- b. When the building evacuation alarm is activated during an emergency, leave by the nearest marked exit and alert others to do the same. See: Schematic of building and exit points and proceed to those exit points in a calm and orderly manner.)
- c. Assist people with disabilities in exiting the building! Remember that elevators are reserved for people with disabilities. NOTE: In case of fire or earthquake, do not use the elevators.
- d. Once outside, proceed to the predetermined assembly area that should be at least 500 feet away from the affected structure. NOTE: As you exit the structure, watch your step, watch for injury hazards such

as holes, roots, sidewalks, streets, curbs, and any other obstacles that may be present in the path of evacuation. Keep streets, fire lanes, hydrant areas, and walkways clear for emergency vehicles and personnel. Know your area assembly points. If you have used a predetermined exit assembly area, or if you have been evacuated by qualified staff, then remain at that location until that qualified person or emergency personnel has returned to assist you.

e. Do not return to an evacuated building unless an "All Safe" siren/alarm has sounded or you are told to do so by a qualified official.

#### Campus Evacuation

a. Evacuation of all or part of the campus will be announced by the Department of Campus Safety or appropriate agency.

b. All persons (students and staff) are to vacate immediately the area of the campus in question and relocate to another part of the campus grounds or off campus if directed.

\*Lockdown: It may be safer to lock buildings down without evacuating in certain situations (e.g. armed intruder on campus).

a. Plans will be developed to lock the affected areas in a timely manner.

b. Subjects in affected buildings will be instructed to stay away from windows to minimize exposure.

#### \* Evacuation of Persons with Disabilities:

a. If you are unable to leave the building due to a physical disability:

- Go to the nearest area where there are no hazards.

- Use a person who can exit the area and have that individual contact Campus Safety by telephone or use other means to advise them of the situation.

- Be sure to give them the room number so they can send help to you.

- If possible, signal out the window to others who can assist or on-site emergency responders.

- Try to establish a "buddy" system to have someone ready to assist you in the event you would need evacuation.

b. To assist visually impaired persons:

- Announce the type of emergency.

- Offer your arm for guidance. Never grab the person, it may startle the person and may cause an injury.

- Tell the person where you are going, obstacles you encounter.

- When you reach safety, ask if further help is needed.

44

c. To alert people with hearing limitations:

- Turn lights on/off to gain the person's attention, or

- Indicate directions with gestures, or

- Write a note with evacuation directions.

d. To evacuate people using crutches, canes, or walkers:

- Evacuate these individuals as injured persons.

- Assist and accompany to evacuation site if possible, or

- Use a sturdy chair (or one with wheels) to move the person, or

- Help carry individual.

e. To evacuate wheelchair users:

- Non-ambulatory person's needs and preferences vary.

- Individuals at ground floor locations may exit without help.

- Others have minimal ability to move-lifting may be dangerous.

- Some non-ambulatory persons may have respiratory complications.

- Remove them from smoke and vapors immediately.

- Wheelchair users with electrical respirators get priority assistance.

- Most wheelchairs are too heavy to take down stairs.
- Consult with the person to determine best carry options.
- Reunite the person with the chair as soon as it is safe to do so.

#### To Implement an Evacuation

- Remain calm.
- Alert others to assist with evacuation.
- Communicate clearly and succinctly. (Example: "We have a type of emergency. Evacuate but "DO NOT" use the elevators. ")
- Assist persons with disabilities.
- Check offices, classrooms, and restrooms.
- Do not turn equipment on or off.
- Leave the doors you leave by open to ventilate the atmosphere. NOTE: If doors are automatic or electric, "DO NOT" operate them if at all possible!
- Take emergency supplies. See: Emergency Supply Kit.
- Keep exiting groups together.
- Qualified staff should assist students.
- Gather at the evacuation site and await for instructions.
- Account for faculty, staff, and students. (Roster of students/visitors: DR, staff and security.)
- Exit the building via the nearest safe exit route. Walk, do not run. Do not use elevators to exit.
- Move away from the building, report to the unit's designated evacuation point.
- Account for faculty, staff, and students and sign in at evacuation point.
- Wait at evacuation point for directions.
- Do not reenter the building until emergency staff gives the "all clear" signal. (The silencing of the building fire alarm system is normally used as the "all clear" signal. In some cases, the fire alarm will be silenced and staff members placed at building entrances to keep people out until the incident has been resolved.)

#### First Aid

##### Instructions for Fainting, Unconsciousness, and Shock

- Have victim lie or sit down and rest
- Keep victim comfortable, not hot or cold
- Ask or look for emergency medical ID
- Treat other injuries as necessary

##### Mouth to Mouth Resuscitation

- Place victim on side and remove foreign matter from mouth with finger
- Place victim on back
- Tilt victim's head back to open airway
- Close victim's nostrils with fingers
- Inhale and place your mouth over victim's mouth
- Exhale until victim's chest expands
- Repeat every five seconds
- Keep trying until help arrives
- If problem, check victim for airway obstruction

##### Severe bleeding and wounds

- **AVOID DIRECT CONTACT WITH BLOOD; IF POSSIBLE WEAR SURGICAL RUBBER GLOVES WHEN BLEEDING IS INVOLVED**
- Apply direct pressure on wound

- Use clean cloth or hand
- Apply pressure to blood vessel, if necessary
- Elevate body part
- Add more cloth if blood soaks through
- Keep pressure on wound until help arrives
- Use tourniquet only as last resort

#### Choking

- Check victim's mouth and clear of foreign matter
- Lower head and give back blows
- Still choking, use abdominal thrusts

#### Heart Attack

- Place victim laying down on back
- Give resuscitation or CPR as necessary (if trained)
- Keep victim comfortable, not hold or cold
- Ask or look for emergency medical ID

#### Burns, Thermal and Chemical

- Immerse burned area in cold water
- Flood chemical burn with cool water
- Cover burn with dry bandage
- Keep victim quiet and comfortable

#### Fractures and Sprains

- Keep victim still
- Keep injured area immobile
- CAUTION: HEAD, NECK, OR BACK INJURY: Any victim suspected of having head, neck or back injury, keep absolutely still. Treat for shock if necessary and keep warm.

#### Poisoning and Overdose

- Determine what substance is involved and how taken
- Stay with victim and assist if necessary
- If choking, lower head

#### Diabetic

- Check for medical tag and make call

#### Recommended Items to Include in a Basic Emergency Supply Kit

- Water, one gallon of water per person for at least three days, for drinking and sanitation
- Food, at least a three-day supply of non-perishable food
- Battery-powered or hand crank radio and extra batteries for both radio and flashlight
- Whistle to signal for help
- Dust Mask to help filter contaminated air
- Moist towelettes, garbage bags and plastic ties for personal sanitation
- Wrench or pliers to turn off utilities
- Can opener for food (if kit contains canned food)
- Local maps

#### Additional items to consider adding to an Emergency Supply Kit:

- Prescription medication and glasses
- Infant formula and diapers
- Pet food and extra water for your pet
- Important family documents such as copies of insurance policies, identification and bank account

records in a waterproof, portable container

- Cash or traveler's checks and change
- Emergency reference material such as a first aid book or information from [www.ready.gov](http://www.ready.gov)
- Sleeping bag or warm blanket for each person (consider additional bedding if you live in a cold-weather climate)
- Complete change of clothing including a long sleeved shirt, long pants and sturdy shoes (consider additional clothing if you live in a cold-weather climate)
- Household chlorine bleach and medicine dropper (When diluted nine parts water to one part bleach, bleach can be used as a disinfectant. Or in an emergency, you can use it to treat water by using 16 drops of regular household liquid bleach per gallon of water. Do not use scented, color safe or bleaches with added cleaners).
- Fire Extinguisher
- Matches in a waterproof container
- Feminine supplies and personal hygiene items
- Mess kits, paper cups, plates and plastic utensils, paper towels
- Paper and pencil

#### First Aid Kit

Things you should have:

- Two pairs of Latex, or other sterile gloves (If you are allergic to Latex).
- Sterile dressings to stop bleeding.
- Cleansing agent/soap and antibiotic towelettes to disinfect.
- Antibiotic ointment to prevent infection.
- Burn ointment to prevent infection.
- Adhesive bandages in a variety of sizes.
- Eye wash solution to flush the eyes or as general decontaminate.
- Thermometer
- Prescription medications you take every day such as insulin, heart medicine and asthma inhalers.

You should periodically rotate medicines to account for expiration dates.

- Prescribed medical supplies such as glucose and blood pressure monitoring equipment and supplies.

Things it may be good to have

- Cell Phone
- Scissors
- Tweezers
- Tube of petroleum jelly or other types of lubricant

Non-prescription drugs:

- Aspirin or non-aspirin pain reliever
- Anti-diarrhea medication
- Antacid (for upset stomach)
- Laxative

#### Disabled and Special Needs

For People with Disabilities:

- Create a support network to help in an emergency.
- Tell these people where you keep your emergency supplies.
- Give one member of your support network a key to your house or apartment
- Contact your city or county government's emergency information management office. Many local offices keep lists of people with disabilities so they can be located quickly in a sudden emergency.
- Wear medical alert tags or bracelets to help identify your disability. (Diabetes)
- If you are dependent on dialysis or other life sustaining treatment, know the location and availability

of more than one facility.

- Show others how to operate your wheelchair.
- Know the size and weight of your wheelchair, in addition to whether or not it is collapsible, in case it has to be transported.

Additional Supplies for People with Disabilities:

- Prescription medicines, list of medications including dosage, list of any allergies.
- Extra eyeglasses and hearing-aid batteries.
- Extra wheelchair batteries, oxygen.
- Keep a list of the style and serial number of medical devices.
- Medical insurance and Medicare cards.
- List of doctors, relatives or friends who should be notified if you are hurt.

#### IDENTIFYING WAYS TO CONTROL STATIC ELECTRIC CHARGES ON PLASTIC PIPING

A static charge can accumulate on both the inner and outer surfaces of plastic piping as well as on metal, if the metal is isolated from the ground with an insulating material (a metal fitting or a squeeze-off tool on a plastic pipe). There are always static charges on the surface of isolated or non-conducting materials. These charges are significant when they become large enough to produce an arc to a grounded conductor.

Conditions conducive to charge accumulation include isolation from grounded conductors, low humidity, and when the rate of generating static charges is greater than the bleed-off rate.

A static charge can bleed-off slowly to a lower level by conduction through air, or by progressive induction, or conduction to nearby materials. A swift bleed-off, or a static discharge, may be evidenced by a "jolt" when an operator approaches within 6" or less of a charged surface. However, because of the very low current the electrical magnitude is not enough to cause injury.

Although voltages are high (9,000 volts from handling the pipe: 14,000 volts from wiping the pipe with a cloth; and

24,000 volts from the turbulence of the gas flow), the electric current of a static discharge is extremely low. The danger occurs when the spark, if over 3,000 volts, generates enough heat to ignite the gas-in-air mixture. Since plastic pipe is an excellent insulator, it cannot be grounded in the same manner as steel pipe. Static charges build up on specific spots on both the interior and exterior surfaces of the pipe. Therefore, to ground the static charges on the outside of the pipe, the entire outside surface must be in contact with ground. The static charges on the internal pipe surface, located near the point where the pipe has separated, must also be grounded to prevent a static spark.

Grounding can be accomplished by establishing and maintaining a film of moisture on the pipe surface. Water alone is not adequate because it will form unconnected droplets rather than a continuous film.

A continuous film is created and maintained on the pipe by applying a water-liquid dishwashing detergent solution to the exposed pipe surface, starting at the point where the pipe is in contact with the soil and continuing until the entire pipe surface has been wetted down.

After the surface of the exposed plastic pipe has been wetted down with wet burlap or a cotton wrap (which has been dipped into a bucket of water-liquid dishwashing detergent solution), it may also be draped around the plastic pipe starting at the point where the pipe enters the soil (see Figure 1). Wet burlap will only remain conductive as long as it is moist. If this method is used, it is important that the wet burlap be in continuous contact with the ground because ungrounded wet burlap can result in a higher energy spark than dry pipe, if accidentally discharged. Synthetic material such as nylon, rayon, and polyesters should not be used as the wet cloth because they are not absorbent enough to provide the conductivity required. Also, they have a tendency to create a static charge under certain conditions.

#### PRELIMINARY PRECAUTIONS

When confronted with a gas leak from a damaged plastic pipe, initial consideration should be given to the potential static electric condition which may exist. Once it has been decided to perform construction activities or make repairs on plastic pipe which is used to distribute gas, certain preliminary precautions are suggested. Some companies have included the following:

- 1) Persons working with the pipe should wear flame resistant coveralls, flame resistant gloves, nomex hoods, hard hats, and air tight goggles. If available, fresh air breathing apparatus should be used when applicable.
- 2) Position a manned fire extinguisher near the bell hole opening, taking into consideration the direction of blowing gas and wind direction.
- 3) Spray the entire exposed surface of the plastic pipe with a water and detergent solution.

4) Ground a broken tracer wire by sticking the exposed ends into the ground away from the plastic pipe.  
5) Spray the locating tape or marking tape with a water and detergent solution, and tuck the tape into the soil away from the pipe to prevent contact with the pipe.

6) From the top of the bell hole drape the exposed plastic pipe with burlap which has been completely saturated with a water and detergent solution. Cover the pipe from the ground to the break or area to be cut

#### CONTROLLING STATIC ELECTRICITY DURING CONSTRUCTION

After the preliminary precautions to prevent the discharge of static electricity through the air, the next phase is the completion of the construction activity. At this stage utilize the following precautions:

- 1) Continue to have a manned fire extinguisher at the work site.
- 2) If the plastic pipe has been damaged leaving the ends of the pipe open, spray the internal surfaces with a mixture of water and detergent solution. Static charges may accumulate near the end of the pipe and discharge to ground.
- 3) Wrap wet burlap saturated with a mixture of water and detergent solution around the pipe. Wrap the pipe beginning where the pipe is in contact with the ground, as illustrated in Figure 1.
- 4) Be certain the wet burlap is in contact with the ground. Ungrounded wet burlap can create a higher static charge than dry plastic pipe, if accidentally discharged.
- 5) Check the burlap frequently to make sure it is wet enough to provide a path for static charges to move off the pipe to ground.
- 6) If pipe cutters designed for cutting plastic are used to cut the plastic pipe, coat the exposed pipe surface with a mixture of water and detergent solutions. Also, make sure the wet burlap is touching the cutter on both sides.
- 7) If the pipe is cut with a saw or pipe scissors, ground the cutting tool used with a No. 12 AWG standard copper wire, brazed to the tool at one end and a ground rod at the other end. Drive the ground rod into the ground before using the cutting tool(s).
- 8) When the pipe is cut in two, spray the surface of the interior of the pipe with a mixture of a water and detergent solution.
- 9) Continue spraying the wet burlap and plastic pipe surface with a mixture of water and detergent solution until the pipe has been repaired/modified, and there is no gas-in-air mixture in or near the bell hole.

#### USE OF THE SQUEEZE-OFF TOOLS

The use of squeeze-off tools to stop the flow of gas in a plastic pipe creates a turbulence within the carrier pipe and increases the velocity of the gas flow at the point of squeeze-off. Both the increased turbulence and increased velocity of gas flow significantly increases the accumulation of static charges on the pipe surfaces. In the case of line breaks when squeeze-off tools are used, utilize the precautions already listed along with the following alternatives:

- 1) Open three bell holes, one for the pipe work area and two for the squeeze-off tools. Only two bell holes will be required, if one squeeze-off tool is used. The procedure is illustrated in figure 2.

#### FIGURE #2: Controlling Static Electricity When Squeeze-Off Tools Are Used

- 2) Locate the squeeze-off tools in a separate bell hole away from the exposed work area. The increased friction resulting from the use of the squeeze-off tools could cause a significant static discharge to the ground at the point of the break in the plastic pipe.
- 3) In case the pipe is continuous and construction requirements necessitate cutting the pipe, the squeeze-off tool may be located in the same bell hole as long as it is grounded and all the precautions listed have been met.

#### TEMPORARY REPAIRS OF PINHOLE LEAKS

- 1) When making temporary repairs of pinhole leaks, follow the same procedure outlined in the section on "Controlling Static Electricity During Construction" (with the exception of item No.7). An example of the situation of the pinhole gas leak: A gas piping system which has a 1/8" hole in a plastic pipe leaking gas under 50 psi can generate 1,000 to 4,000 volts in the immediate area of the hole. The immediate area on either side of the pinhole may contain charges of 10,000 to 20,000 volts.

- 2) After installing the temporary repair damp, cover the exposed pipe until a permanent repair can be made.

#### PURGING PLASTIC PIPE OF NATURAL GAS

Natural gas passing through the open end of a plastic pipe generates static charges. Therefore, to control the static charge the end of the pipe is grounded the same as a pipe break or modification. The following procedures are suggested:

- 1) Open two belt holes. Open one belt hole to expose the pipe end and one bell hole for the squeeze-off tool, as illustrated in figure 3.

Figure # 3: Purging Plastic Pipe of Natural Gas

- 2.) Shut off the gas flow to the end of the pipe with the squeeze-off tool before removing the pipe end.
- 3.) Using a water and detergent solution, spray the plastic pipe in the bell hole which exposes the end of the pipe. Wrap wet burlap material around the pipe on either side of the area where the pipe is to be cut. Be sure all the wet burlap is touching the ground at some point.
- 4.) After the pipe end has been removed and before releasing the squeeze-off tool, install a section of steel pipe with a pullout resistant coupling. This eliminates static at the end of the pipe end. Release the squeeze-off tool and purge the pipe. Check the burlap frequently to make sure it is saturated with water.
- 5.) Do not remove the wet burlap material until all gas has been purged, and there is no gas-in-air mixture in the bell hole.

Drakesboro Gas Dept Emergency Call List	Title	Phone
City Hall	Home Office	270-543-1062
Shawn Martin / Marvin Anderson	Utility Contractor	606-305-6434
Central Dispatch	emergency personnel	270-338-2000 or 911
Drakesboro Fire Dept	emergency personnel	270-476-8910 or 911
County Sheriff	emergency personnel	270-377-3679
Beechmont Fire Dept	emergency personnel	270-476-2435
KY State Police	emergency personnel	1-800-222-5555 or 270-254-3333

*Mayor Mike Jones*

*Emergency Personnel 270-543-6425*

Drakesboro Gas Dept Emergency Call List		
Texas Gas	Gas Company	270-338-1200

Emergency Phone Numbers (always available)			
Muhl Co Emergency MGT	Director	C: 270-977-1774 O: 270-338-3902	Keith Putnam
City of Drakesboro Suppliers/ Contractor/Vendors Call			
RussMar Gas Utility		Shawn Martin	606-305-6434

## UTILITY RELATED INCIDENTS (502) 782-7903

In the event of an accident emergency that may possibly relate to natural gas, hazardous liquid or propane as its origin, the following action is required:

1. Death or Personal Injury
2. Gas Igniting Unintentionally
3. Damage to Property (\$25,000 or more)
4. Unscheduled Outage for 40 or more customers for 4 or more hours
5. Any Other Significant Occurrence (Newsworthy)

### Reference:

807 KAR 5:006, Section 26

807KAR 5:022, Section 13 (16)(a)

807KAR 5:027, Section 3 (1)(a),(b),(c),(d),(f),(g)

807KAR 5:027, Section 4

49 CFR Part 191.5

This reporting does not relieve you of the responsibility of reporting to the U.S. Department of Transportation. (DOT) in accordance WITH 49 CFR Part 191.5 During office hours (8:00a.m. to 4:30p.m.), please call Mr. Jason Hurt at (502) 782-2599. If Mr. Hurt is unavailable, you will be transferred to other staff who will take the information concerning the incident. At any other time, please call one of the following:

NAME	POSITION	PHONE
Melissa Holbrook	Utility Investigator	(502) 229-7542
David Nash	Utility inspector	(502) 782-2611
Jason Hurt	Gas Branch Manager	(502) 782-2599

Notification to the Commission's voice mailbox or FAX number will not be considered proper notification. In time of emergency, notice to the Kentucky Emergency Management - Emergency Operations Center at 1-800-255-2587 or (502) 564-7815 will result in the notification of all other emergency response personnel. Recurring events and further investigation will dictate additional telephonic reporting. Follow-up written notification to the Commission is to be submitted within 30 days.

Melissa Holbrook  
Gas Pipeline Safety investigator, Division of Inspections  
Public Service Commission  
P. O. Box 615  
Frankfort, Kentucky 40602  
(502) 782-2603  
[www.psc.ky.gov](http://www.psc.ky.gov)

**FIGURE #3: Purging Plastic Pipe of Natural Gas**

- 2) Shut off the gas flow to the end of the pipe with the squeeze-off tool before removing the pipe end.
- 3) Using a water and detergent solution, spray the plastic pipe in the bell hole which exposes the end of the pipe. Wrap wet burlap material around the pipe on either side of the area where the pipe is to be cut. Be sure all the wet burlap is touching the ground at some point.
- 4) After the pipe end has been removed and before releasing the squeeze-off tool, install a section of steel pipe with a pullout resistant coupling. This eliminates static at the pipe end. Release the squeeze-off tool and purge the pipe. Check the burlap frequently to make sure it is saturated with water.
- 5) Do not remove the wet burlap material until all gas has been purged, and there is no gas-in-air mixture in the bell hole.

<b>Drakesboro Gas Department Emergency Call List</b>		
Name	Title	Phone
City Hall	Home office	270-543-1062
Josh Duvall	Utility contractor	270-899-0566
Bart Lambert	Utility Personnel	270-256-1185
Central Dispatch	Emergency Personnel	270- 338-2000(911)
Drakesboro Fire Department	Emergency Personnel	270-476-8910 (911)
County Sheriff	Emergency Personnel	270-377-3679
Beechmont Fire Department	Emergency Personnel	270-476-2435
Kentucky State Police	Emergency Personnel	1(800)222-5555 270-676-3313
Texas Gas	Gas Company	270-338-1200
<b>Emergency Phone Numbers (available always)</b>		
Muhlenberg Co Emergency Management Director: Keith Putnam	C: 270-977-1774 O: 270-338-3902	
270-543-1062	911	
<b>City of Drakesboro Suppliers/Contractors/Vendors Call</b>		
Jason Greever	270-427-0277	
Bart Lambert	270-256-1185	
Josh Duvall	270-899-0566	

Muhlenberg County Emergency Management Director Keith Putnam 270-338-3902 or 270-977-1774

**KENTUCKY PUBLIC SERVICE COMMISSION (502) 782-2603 or 502-229-7542**

**UTILITY RELATED INCIDENTS- (502)782-7903**

In the event of an accident emergency that may possibly relate to natural gas, hazardous liquid or propane as its origin, the following action is required:

Telephonic notice at the earliest possible moment (not to exceed two hours) following discovery of:

1. Death or Personal Injury
2. Gas Igniting Unintentionally
3. Damage to Property (\$25,000 or more)
4. Unscheduled Outage for 40 or More Customers for 4 or More Hours
5. Any Other Significant Occurrence (Newsworthy)

Reference:

807 KAR 5:006, Section 26

807 KAR 5:022, Section 13(16)(a)

807 KAR 5:027, Section 3(1)(a),(b),(c),(d),(f),(g)

807 KAR 5:027, Section 4

49 CFR Part 191.5

This reporting does not relieve you of your responsibility of reporting to the U.S. Department of Transportation

(DOT) in accordance with 49 CFR Part 191.5. During office hours (8 a.m. to 4:30 p.m.), please call Mr. Jason

Hurt at (502) 782-2599. If Mr. Hurt is unavailable, you will be transferred to other staff who will take the Information concerning the incident. At any other time, please call one of the following:

## **NOTICE TO CUSTOMERS**

### **NEW PROVISIONS RELATED TO THE CALL-BEFORE-YOU-DIG REQUIREMENT**

Because you receive natural gas service, you likely have underground natural gas lines at your place of residence or business. Damage to natural gas lines from excavation work can lead to explosion or fire and can cause property damage, serious injuries or death.

Beginning July 14, 2018, the Kentucky Public Service Commission ("PSC") will begin investigating instances of excavation damage to underground natural gas pipelines to determine whether the pipeline was properly located prior to excavation. Under changes to the Underground Facility Damage Prevention Act of 1994 (the "Act"), which take effect on July 14, 2018, the PSC will have the authority to levy fines for failing to comply with the requirements of the Kentucky statute related to protection of underground utilities.

Key requirements of the Act (KRS 367.4901 to KRS 367.4917) include:

- Excavators, including property owners working on their own property, must call the 811 one-call center at least two working days prior to the start of excavation. **IF YOU FAIL TO CALL 811 AND THEN DAMAGE A NATURAL GAS LINE, YOU WILL BE SUBJECT TO A PENALTY.**
- The requirement to call 811 applies to all work on private property if it occurs within a utility easement or uses mechanized equipment.
- Natural gas operators must mark the facilities within two working days of receiving the request.
- Penalties for violating the statute are up to \$1,250 for the first violation, \$2,000 for a second violation, and \$4,000 for subsequent violations.

**CALL 811 BEFORE YOU DIG AND MAKE SURE THAT  
ANYONE DOING EXCAVATION ON YOUR BEHALF CALLS  
811 TWO WORKING DAYS BEFORE THEY START.**



BUS: 615 / 242-4286  
WATS: 800 / 264-8215  
FAX: 615 / 726-1017

PIPE & SUPPLY COMPANY, Inc.

1500 COUNTY HOSPITAL ROAD  
P.O. BOX 280776  
NASHVILLE, TENNESSEE 37228

CITY OF DRAKESBORO

GATE STATION REBUILD

<u>Item #</u>	<u>Qty.</u>	<u>Description</u>	<u>Unit Price</u>
	<u>1</u>	<u>GATE STATION REBUILD</u>	<u>\$32,075.00</u>

ABOVE PRICE INCLUDES 4- 2"EZR  
REGULATORS W/ 161 PILOTS  
ALL FABRICATION, PAINT, TESTING  
AND INSTALLATION

RECOMENDATIONS

CURRENT STATION HAS A REGULATOR  
CAPACITY OF 42000 CFH  
CURRENT ESTIMATED DEMAND 44000 CFH  
THE EXSISTING REGULATOR ARE OPERATING  
ABOVE MAXIMUM CAPACITY  
REPLACING THE 630 REGS WITH  
EZR REGS WILL GIVE YOU A MAXIMUM  
FLOW OF 324000 CFH  
THIS WILL GIVE YOU A STABLE FLOW AND  
OUTLET PRESSURE AND ALLOW YOU TO  
EXPAND YOUR SYSTEM

PLEASE SEE ATTACHED REPORTS

**Above prices firm for delivery within 60 days provided order is placed within 10 days.  
All quantities and materials listed are our interpretation of the specifications and are not  
guaranteed. Warranties are limited to that of the manufacturers only.**

**F.O.B. delivered  
Terms Net 30 days.**

Thank you for the opportunity to quote.

Yours truly,

**Hank Adams**

Hank Adams  
Utility Sales  
Consolidated Pipe & Supply Co., Inc.

**REGULATOR INSPECTION REPORT**

**FORM 6**

**COMPANY:** Drakesboro

**Location:** Tap Station - Top Run - 1<sup>st</sup> Cut Reg. # 1

**Regulator Information**

**Make:** Fisher **Type:** 630

**Size:** 2" **Office Size:** 1/4

**Pressure Rating: Inlet:** 1,000 psi **Outlet:** 500 psi

**M.A.O.P. of System to which it is Connected:** 110 psi

**Operating Pressure: Inlet:** 800 psi **Outlet:** 110

**Lock Up Pressure:** 400 psi some leak thru

**Monitoring Regulator or Relief Setting:** 125

**Was the Regulator Stroked (to fully open)?** Yes X No \_\_\_\_\_

**General Condition of the Station:**

**Atmospheric Corrosion:** Yes X No \_\_\_\_\_

**Support Piping Rigid:** Yes \_\_\_\_\_ No \_\_\_\_\_

**Station Guards:** Yes X No \_\_\_\_\_

**Area Clean of Weeds and Grass:** Yes X No \_\_\_\_\_

**Capacity at Inlet and Outlet pressure:** 21,000 scfh

**Corrections Made:** \_\_\_\_\_

**Remarks:** This regulators serves as the 1<sup>st</sup> cut with a down stream 2<sup>nd</sup> cut

Port size 1/4" - Spring range 275-500 psi.

SN- 16031607

**Inspector:** Don Miller

**Signature:** \_\_\_\_\_ **Date:** 2-13-19

**+RELIEF VALVE INSPECTION REPORT**

FORM 7

COMPANY: Drakesboro

Location: Tap Station

**Relief Valve Information**

Make: Fisher Type: EZR

Size: 2" Office Size: 100%

Type of Loadings:

Spring: \_\_\_\_\_ Pilot: 6358-EBH Other: \_\_\_\_\_

Range: \_\_\_\_\_

Pressure Setting: 125 psi

Connecting Pipe Size: 2"

Vent Stack Size: 2"

Capacity: 110,973scfh Estimated

General Condition of:

Relief Valve: \_\_\_\_\_

Recording Gauge: \_\_\_\_\_

Support Piping: \_\_\_\_\_

General Area: \_\_\_\_\_

Repairs Required: \_\_\_\_\_

Repairs Made: \_\_\_\_\_

Remarks: The Relief was found with the Pilot adjustment screwed all the way in – 260 psi setting. The set pressure was adjusted to 125 psi. The Relief was cycled several times and lock up without failure to hold the pressure setting.

Inspector: Don Miller

Signature: \_\_\_\_\_ Date: 2-13-19

# REGULATOR INSPECTION REPORT

FORM 6

COMPANY: Drakesboro

Location: Tap Station - Bottom Run - 1<sup>st</sup> Cut Reg. # 1

### Regulator Information

Make: Fisher Type: 630

Size: 2" Office Size: 1/4

Pressure Rating: Inlet: 1,000 psi Outlet: 500 psi

M.A.O.P. of System to which it is Connected: 110 psi

Operating Pressure: Inlet: 800 psi Outlet: 110

Lock Up Pressure: 400 psi some leak thru

Monitoring Regulator or Relief Setting: 125

Was the Regulator Stroked (to fully open)? Yes X No         

### General Condition of the Station:

Atmospheric Corrosion: Yes X No         

Support Piping Rigid: Yes          No         

Station Guards: Yes X No         

Area Clean of Weeds and Grass: Yes X No         

Capacity at Inlet and Outlet pressure: 21,000 scfh

Corrections Made:         

Remarks: This regulators serves as the 1<sup>st</sup> cut with a down stream 2<sup>nd</sup> cut

Port size 1/4" - Spring range 275-500 psi.

SN- 16031606

Inspector: Don Miller

Signature:          Date: 2-13-19

Drakesboro Gas 2019 Schedule

	1ST QUARTER			2ND QUARTER			3RD QUARTER			4TH QUARTER		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	aug	SEP	OCT	NOV	DEC
	LEAK SURVEY (192.723)											
1. Business District												
2. All Other												
PATROLLING (192.721)												
BUSINESS DISTRICT												
NON BUSINESS DISTRICT												
ODORANT TEST (192.625)												
VALVE INSPECTION (192.747)												
REGULATOR INSPECTION (192.739)												
Bobby Coyle 859-771-0522												
CORROSION INSPECTIONS (192.465)												
Rectifier Inspections												
Cathodic Readings												
DISTRIBUTION SYSTEM ANNUAL REPORT												
ANNUAL EIA-175 REPORT												
PUBLIC AWARENESS PLAN (192.616)												
*Customers--Bill Stuffers	x											
*Residents along pipeline												
*Emergency Officials												
*Excavators												
*Public Officials												
Plan Evaluation												
OPERATOR QUALIFICATION												
ANNUAL REVIEWS												
DIMP PLAN (192.1007)												
O&M PLAN (192.605)												
EMERGENCY MANUAL (192.615)												
PUBLIC AWARENESS PLAN (192.616)												

Operator training with PSC

\*Drakesboro Natural Gas Co.  
212 Mose Rager Boulevard  
P. O. Box 129  
Drakesboro, KY 42337

\*Drakesboro Natural Gas Co.  
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212 Mose Rager Boulevard  
P. O. Box 129  
Drakesboro, KY 42337

\*Ryan Driskill  
Attorney  
Yonts, Sherman & Driskill, P.S.C.  
P.O. Box 370  
Greenville, KENTUCKY 42345