Exhibit VGS-AG-135

STATE OF VERMONT PUBLIC UTILITY COMMISSION

Docket No. 17-3550-INV
INVESTIGATION PURSUANT TO 30 V.S.A.
SECTIONS 30 AND 209 REGARDING THE
ALLEGED FAILURE OF VERMONT GAS SYSTEMS,
INC. TO COMPLY WITH THE CERTIFICATE OF
PUBLIC GOOD IN DOCKET 7970 BY BURYING
THE PIPELINE AT LESS THAN REQUIRED
DEPTH IN NEW HAVEN, VERMONT

Deposition of Chris LeForce Held by Zoom on March 27, 2020 beginning at 10 a.m.

<u>APPEARANCES</u>

LAW OFFICE OF JAMES A. DUMONT
Appearing for the Interveners
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BY: JAMES A. DUMONT, ESQUIRE

DI: JAMES A. DUMONI, ESQUIRE

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Also present:

Rachel Smolker
Jane Palmer
Lawrence Shelton

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I N D E X

Chris LeForce

Examination by Mr. Dumont

<u>Exhibits</u> <u>Page</u>

None

Deponent

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STIPULATIONS

IT IS HEREBY STIPULATED AND AGREED by and between counsel as follows:

- That the requirements of notice of the taking of the deposition have been complied with;
- 2. That the proof of the qualifications of the Notary Public be waived;
- 3. That all objections except as to the form of the question shall be reserved to the time of trial.

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answer the question.

(10:07 a.m.)

CHRIS LeFORCE

Having been duly sworn, testified as follows:

MR. DUMONT: Good morning. Let me start by summarizing the rules that govern how we do a deposition, particularly by Zoom, and as we have agreed.

First, Mr. LeForce, since this is a

deposition, and there is no judge or judicial officer present, the objections that are allowed are basically just two kinds. One is if the company's lawyer believes I'm asking something that the answer to which would be privileged, the company's lawyer can instruct the witness, in this case you, not to

Second, if the company's lawyer or the Department's lawyer feels that the question I'm asking may be objectionable for some other reason, the lawyer states objection to the form, and their objection then is taken down by the court reporter, object to the form, but there is no further explanation since there is nobody here to rule on it. And later, if the attorneys want to, they can raise those objections on the transcript -- by giving the

transcript to the hearing officer. So I'm sure there will be times when, for example, Attorney McClain says object to the form. After he makes that objection, then we continue with the question and answer. Again the exception is if there is a question of privilege and the attorney instructs the witness not to answer.

THE WITNESS: Okay. Understood.

MR. DUMONT: And usually the court stenographer is in the same room with the witness and places the witness under oath. We have all agreed that the court stenographer can place the witness under oath remotely. And apparently the Secretary of State's office agrees that that's allowable under current circumstances as well as long as the witness is in Vermont.

I guess third I would point out that when we are done, Ms. Sears will prepare a written transcript. And it will be submitted to the company's attorneys who will then give it to you, and you will have time to review it to make any corrections, should any be necessary. And then you fill out a piece of paper with the corrections.

And finally, I believe that Zoom has an option to do a digital recording of the proceeding.

I haven't listened to any of the others. And I haven't turned it on for this one. Ms. Sears, do you -- you usually do your own digital backup, audio backup anyway, don't you?

anyway?

THE COURT REPORTER: Yes, I do.

MR. DUMONT: So you're doing that

THE COURT REPORTER: Yes.

MR. DUMONT: Let's just leave it at that. Unless somebody wants me to do the Cloud recording, I won't.

Owen, Jim, Eric, did I leave out anything?

MR. McCLAIN: Yeah. So we agreed that

-- we agreed that no one -- no other party is

recording the deposition from their location either

by video or audio. And so that means that any

participant, intervener participant, is not

recording. And Chris, the two interveners that are

here today, it looks like Jane Palmer and Rachel

Smolker have -- have told Jim that they won't record

the deposition. And we have agreed that the

recording, if there is one, won't be used for

anything other than checking the transcript if Jim

and I have a disagreement about what it says. So

it's not to be distributed to anybody or used for any purpose unless we expressly agree.

And then we have also agreed that people that are participating are visible on the screen, and that no one is -- else is participating or recording it that's off the screen, although sometimes obviously people need to walk out of the room and come back in. That's fine.

MR. DUMONT: Yeah. And as I expect will happen today as happened last time, Nate Palmer may join Jane. They are both parties, interveners.

And Mr. Shelton may join Dr. Smolker. Mr. Shelton is also a party intervener. The same rules apply to everybody.

MR. McCLAIN: Right. Yeah. Mr. Shelton appears to prefer just to have his shoulder on the screen and I've been fine with that. That's fine with me.

MR. DUMONT: Okay.

MR. McCLAIN: All right. Let's go,

Jim. Oh, and the last thing is, I have a hard stop

today at 5. I told you by email, and I'm hoping

that's okay. And so I'll do whatever we can to get

us -- get this done by then.

MR. DUMONT: All right.

EXAMINATION

BY MR. DUMONT:

- Q. Good morning, Mr. LeForce.
- A. Good morning.
- Q. I circulated to everybody what I've marked as Exhibit 41. I don't know if it's necessary, but it's the prefiled testimony you gave in another case, Docket Number 8643. I only direct your attention to it because it seems to be a summary of your career at Vermont Gas.

I understand from your testimony in the other matter that you were the engineering manager from May, 2013 to January, 2015; is that right?

- A. Sorry. Can you repeat that or can I bring up that exhibit?
 - O. Yes. Please do.
 - A. Okay. What number was it again?
 - Q. 41.
 - A. Okay. Yes. That's correct.
- Q. Then it says you served as the engineering supervisor from September of '07 to May of 2013. Can you explain to me the difference between being an engineering supervisor and an engineering manager?
- A. The difference is basically it's kind of a pay scale, experience thing. And basically that's what I remember it being. Same relative duties, but, you know,

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it was kind of a promotion with some added -- probably some added responsibility.

- Q. What did you do before September of 2007?
- A. Before that, I was an engineer title in the engineering department. And before that I had a couple other titles in engineering.
- Q. And I know you have a BS in civil engineering from UVM as of 2000.
 - A. That's correct.
- Q. In your prefiled in Docket Number 8643 you said, "As the engineering supervisor/manager, I was responsible for long-term planning and system design, system capacity planning, construction of reinforcement projects, system modeling, permitting of larger expansion projects, cost estimating for construction projects, the steel cathodic protection system, and the transmission integrity management program (IMP)."

So I wanted to ask you about that. When you say you were responsible for long-term planning and system design, what does that mean?

- A. So basically that is -- planning and system design is about having our pipeline systems capable of meeting the demands of our current and future customers.
- Q. When you say permitting of larger expansion projects, what does that mean? What does that refer to?

A. So sometimes we will -- we have had in the past projects to expand the capacity of our transmission system where we add a couple miles of pipe, so I worked on some of those.

We have had replacement projects where we replace a facility or a piece of pipe, so they are the more singled out projects like that.

- Q. In -- when was the first time you performed any work in connection with the Addison Natural Gas Pipeline?
- A. I don't have an exact date. But it probably was in the time frame of when we -- when the project first came up as an idea, and it was probably 2012ish.

 Possibly. Somewhere around there.
- Q. So to get oriented with the time sequence,
 I'll represent to you that the CPG was issued by the PUC
 on December 23, 2013. And the permitting process started
 in 2012.

Were you involved with the permitting process in 2012?

A. I -- yes, to some extent. I wasn't involved with it day to day, but I knew what was going on. I was aware of the work going on, but I wasn't -- I wasn't specifically doing the work or, you know, just being -- being at the company I knew what was happening.

1	Q. In 2012 when you were engineering
2	engineering manager, I'm sorry, you were engineering
3	supervisor in 2012. To whom did you report?
4	A. What sorry. Did you say 2012?
5	Q. Yes.
6	A. I reported to Mark Texeira at that time.
7	Q. And in starting in May of 2013, when you
8	became engineering manager, to whom did you report?
9	A. Same person. Mark Texeira.
10	Q. And does Mark Texeira still work for the
11	company?
12	A. He does not.
13	Q. Do you know what he does now?
14	A. He retired. Or as far as I know he retired
15	from Vermont Gas. I don't know I don't know what if
16	he's working or anything right now today.
17	Q. Approximately when did he retire from Vermont
18	Gas?
19	A. I don't have an exact date. I'd say it was
20	I'd say it was early 2015. But I'm not a hundred percent
21	sure.
22	Q. Thank you. During the construction of the
23	Addison Natural Gas Pipeline before it was over?
24	A. I believe so.

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Okay. Did you attend any design review

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Q.

meetings before the pipeline received the CPG on December 1 2 23 of 2013? 3 I believe I attended some. Where were the design review meetings held? I don't know where they all were held. But I 5 Α. 6 know I attended some that were in our building. The VGS 7 main office. 8 Did someone chair or coordinate the design Ο. 9 review meetings during that time period? 10 Yeah. I assume someone did. Yes. Α. Do you know who it was? 11 12 I couldn't say who the exact person was at Α. 13 that time. Did someone take minutes of design review 14 Q. 15 meetings? I'm not sure. I don't know. 16 17 Have you ever seen any minutes of design Q. 18 review meetings dated prior to December 23, 2013? 19 Sorry. Can you repeat that? What was the Α. 20 date? Yes. December 23, 2013. 21 Q. 22 No. I can't -- yeah, I can't remember. Α. 23 Who do you recall was present at design review 24 meetings prior to issuance of the CPG on December 23,

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2013?

- A. I can't say specific email. I know there were people from our -- our office, the VGS office, and people from our engineering firm, CHA. And there could have been other people present.
- Q. Who was present on behalf of CHA during that time period at those meetings?
- A. I mean are you asking -- I mean I can't pinpoint, you know, who was at each meeting or any particular time. I mean I know one individual that was there was John Heintz. I can't say all or some, but I know he was there for some.
- Q. Right. And am I correct that Mr. Heintz did not work for CHA?
- A. I don't -- I'm not really sure of their -- how their relationship was. I mean he worked, my impression is he worked through CHA, but I don't know if he was a direct employee or how his employment was set up. I don't know that.
- Q. If you were involved with permitting of larger expansion projects as engineering manager/supervisor, as -- let me start over.

You were involved -- you were the engineering manager and supervisor from September of '07 through January of 2015. And you said that your duties included permitting of larger expansion projects.

So if you could give me a narrative, describe what your role was in permitting of the Addison Natural Gas Project?

- A. I wouldn't say I had a specific role. I was more there to listen and give some feedback on, you know, items that VGS considers in permitting. And -- but I didn't specifically apply for permits or kind of fill that -- those items out. It was more kind of just giving my, like I said, my feedback.
 - Q. Who were you giving your feedback to?
- A. I wouldn't say anybody in particular. It was more the group working on the project, the project team at that time.
 - Q. Who do you recollect was on the project team?
- A. I mean it depends on the time frame. So it was just whoever was on the team at that time, like at that juncture. So --
- Q. During the time period I'm now asking you about, which was before issuance of the CPG on December 23, 2013, did you have any meetings at which -- did you participate in any meetings in which engineer Colantonio participated?
- A. I -- I can't say for sure. But I know I met him, and I'm assuming it was through a project meeting.
 - Q. Was that meeting at the Vermont Gas office in

South Burlington?

- A. Yes. That's what I recall.
- Q. Did you ever travel to Mr. Colantonio's office in another state?
- A. I have. I have been to Colantonio's offices before, but it wasn't -- it wasn't related to this project. There were projects before this that were -- that I traveled down there for.
- Q. How many times do you think you had met with Mr. Colantonio outside of the ANGP?
- A. I don't have a number. But I was at their office a few times, and I can remember meeting -- seeing him at the office at least once.
 - Q. And what town or city was the office in?
- A. It was in Massachusetts. I know their offices moved, so I can't say what town it was at that time.

 Because it was probably 15 years ago.
- Q. During the permitting for the ANGP, do you recall meeting with engineer Williams?
- A. That's a pretty common name. Do you have a first name?
- Q. There is someone in the documentation, but you don't -- during the permitting you don't recall any engineer with the last name of Williams?
 - A. The last name -- I'm thinking of someone. But

1	I really need the first name to confirm.
2	Q. How about
3	A. Sounds familiar.
4	Q. How about an engineer who is a woman who is
5	named Williams?
6	A. No. I don't remember.
7	Q. During the same period, before issuance of the
8	CPG in December of 2013, did you meet with engineer
9	Kearns, K-E-A-R-N-S?
10	A. What was the time frame?
11	Q. Prior
12	A. Before.
13	Q. Before issuance of the CPG on December 23,
14	2013?
15	A. I've definitely worked with Kearns Brendan
16	Kearns if that's who you're talking about. And but as far
17	as time frame, I can't say on that time frame, if it was,
18	you know, before or after or both.
19	Q. Okay. Who within Vermont Gas would have
20	custody today of minutes of design review meetings that
21	were held in 2012 or 2013?
22	MR. McCLAIN: Just objection to the
23	form.
24	THE WITNESS: I can't say if I know the
25	exact individual.

BY MR. DUMONT:

- Q. If you were involved in a project today, and there was a design review meeting, who would have custody of the minutes of those -- of those minutes?
 - A. Can you repeat that? Sorry.
- Q. Yes. If you were to attend a design review meeting today, at Vermont Gas, and minutes were taken, who would have custody of those minutes? Who would possess them?
- A. It would probably be a -- most likely whoever is in charge of that project like a project manager or, you know, really the person appointed to lead whatever project it is.
- Q. Who was the project manager of the ANGP in 2012 and 2013?
- A. I'd need more -- do you mean on the -- I need more specific information as far as -- I guess I don't really know because of the time frame.
- Q. Do you recall any person who served as project manager prior to December 23, 2013?
 - A. Are you asking for VGS?
- Q. Well when you answered my prior question about who would have custody of design review minutes for a meeting held today, you said project manager. So that's the term I'm sticking with.

Who was that project manager for the ANGP 1 2 project at any time that you can recall prior to December 23, 2013? 3 4 Α. It could have been --5 MR. McCLAIN: Objection -- hold on. 6 Objection to the form. You can answer, Chris. 7 THE WITNESS: I know Stephen Wark was 8 one of the project managers, and I believe it was 9 around that time. 10 BY MR. DUMONT: 11 And then wasn't he replaced by Ms. 12 Simollardes? 13 MR. McCLAIN: Objection to the form. THE WITNESS: I don't know if he was 14 directly replaced by her. I know she was a project 15 manager after, after Steve -- after Stephen Wark. 16 17 BY MR. DUMONT: 18 So let me ask you a similar question about the period after December 23, 2013. Did you attend any design 19 20 review meetings after the CPG was issued on December 23, 2013? 21 22 I attended meetings. I don't know if they 23 were depicted as design meetings. 24 What are the meetings that you recall Q.

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attending?

1 Project meetings. Status meetings. Α. 2 Did you attend any meetings at which any 3 representative or member of CHA participated? 4 And you're still asking after December 2013? Α. 5 Q. Yes. 6 I attended meetings with CHA. Yes. 7 Tell me what you can recall of those meetings 8 starting with where they were held. 9 Most meetings that I can remember attending 10 were at Vermont Gas, Vermont Gas offices. I know I attended meetings at a couple different CHA offices, and 11 some of their consultants. 12 13 I mean meetings were really about general 14 items, about the project; permitting, designs, right of 15 way, things of that nature. Which CHA office or offices did you attend, 16 17 did you visit? 18 Α. There was one in Hinesburg for a time. And then there was one in South Burlington, and I can remember 19 20 attending at least one meeting, more than one meeting at 21 both. 22 Who do you recall participated on behalf of 23 CHA at the Hinesburg office?

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Would it be Tyler Billingsley?

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Α.

Q.

I don't remember that. I don't -- can't say.

MR. McCLAIN: Objection. 1 2 THE WITNESS: I have met with Tyler. 3 MR. McCLAIN: Hold on. Objection to the form. Go ahead. 4 5 MR. DUMONT: Go ahead. 6 THE WITNESS: I have met with Tyler 7 Billingsley. Yes. 8 BY MR. DUMONT: 9 And tell me the context in which you met with 10 Tyler Billingsley. I'm not sure if I understand what you're 11 12 asking. 13 Just to show you how broad the question is. 14 Did you meet with him at a Red Sox game? Did you meet 15 with him to talk about the ANGP? Why did you meet with 16 him? 17 MR. McCLAIN: Objection to the form of 18 the question. 19 THE WITNESS: I believe I met with him 20 on project-related items. BY MR. DUMONT: 21 22 And do you recall which project-related items? 23 No. Not specific items. But there were about, you know, general items like I previously said, 24 25 designs and permits and items like that.

Q. Do you recall any persons from CHA that you met with at the South Burlington office?

A. Yeah. I can recall a few.

(Technical difficulties with Zoom)

(The record was read as requested)

MR. McCLAIN: Well we didn't notice until about I think maybe five minutes later it looks like maybe at least huh, Jim? Okay. So are we back on the record, Kim?

THE COURT REPORTER: Yes.

MR. McCLAIN: But as we proceed, I've asked the witnesses about this protest ornament that is in the background, and Jim and the witness refuse to take it off the screen. I think it's designed to be a protest sign about the ANGP.

We have agreed that the witnesses would not speak or communicate during these depositions. I think having -- holding protest signs out to try to intimidate and make the witness feel uncomfortable is inappropriate behavior at a deposition. I've asked them to turn the screen, and the interveners and their counsel have refused to abide by that request.

I'll continue, if Chris is comfortable continuing. And so I'll ask him, you know, whether he wants to continue the deposition.

MR. DUMONT: Owen, don't you want to describe what the sign says?

MR. McCLAIN: No, I don't want to describe the sign, Jim. If you want to describe the sign, go for it. I'm saying I asked you guys to move it. You refused to do it. I'm objecting to us continuing with this deposition with protest signs in the background. And I'm asking my witness if he's comfortable proceeding. We can proceed and we can do this and get something done today. And if he's uncomfortable and doesn't want to be taunted throughout the entire deposition, I understand that too, and we can stop the deposition.

 $$\operatorname{MR.}$ DUMONT: Let me put on the record what the sign says. It says ANGP. That's it.

MR. McCLAIN: So again, I'll ask Chris if you're comfortable proceeding with the record -- with today, with protest signs in your face, then that's fine with me, and we can keep going. If you're not comfortable with it, and you prefer for us to negotiate a different set of circumstances, I'm happy to do that. We can stop the deposition and schedule it for another time. It's your call.

MR. DUMONT: No, it's not. It's not his call. But you can take whatever position you

1 It's my call. I'm taking the deposition. 2 There is no grounds to continue or postpone the 3 deposition. 4 MR. McCLAIN: We can object to how the 5 deposition proceeds. Chris, so you let us know --6 let me know whether you're comfortable proceeding. 7 And if you indicate that you are comfortable 8 proceeding, then I'll just make my objection noted. 9 We can continue and get something done. If you are 10 uncomfortable and want to stop, then Jim and I will talk about that. 11 12 THE WITNESS: I'm fine with continuing. 13 MR. McCLAIN: All right. Go ahead, 14 Jim. So it sounds like you might have to backtrack a 15 bit. 16 MR. DUMONT: I believe the last 17 question and answer -- the last question was who do 18 you recall was present at the CHA office in South Burlington. 19 20 And I believe the context was this is 21 the time period after issuance of the CPG in 12/23/ 22 13, and I don't think your answer is on the record. 23 So why don't we start there.

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MR. McCLAIN: Objection to the form of

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the question.

1 THE WITNESS: Sorry. Can you ask it 2 again too, please? 3 BY MR. DUMONT: 4 Sure. The last question before the court 5 reporter lost contact with us was who do you recall was present at the CHA offices in South Burlington in the time 6 7 period after 12/23/13 during meetings you attended there? 8 I can't remember all the individuals. But I 9 know I did meet with Brendan Kearns, Tyler Billingsley, 10 and Jason Gorman. And I think during the time period where we 11 12 didn't have a court reporter I asked you about several 13 other names. And I'll list them now again. One was 14 engineer named Williams. And your recall was you have no 15 recollection of that person; correct? 16 MR. McCLAIN: Objection to the form of 17 the question. Objection to the form. 18 THE WITNESS: Again, I need more -- it sounds familiar, but I need the first name. So I 19 20 don't know. BY MR. DUMONT: 21 22 Okay. And I asked you about an engineer named 23 Hollowood. And what do you remember about that? 24 MR. McCLAIN: Objection to the form.

THE WITNESS:

I know the last name.

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1 I'm not sure if I met with that person there. 2 BY MR. DUMONT: 3 Do you remember if you've met with that person Ο. 4 engineer Hollowood at any time, anywhere? 5 Α. No. I do not. 6 How about an engineer named Thomson, T-H-O-M-S 7 -O-N. Did you meet with that person? 8 MS. SMOLKER: The engineering manager 9 doesn't even remember --10 Hold on. MR. DUMONT: Somebody's 11 speaking. We need to mute. 12 MR. McCLAIN: Yeah. We have got an 13 agreement that the people --14 MR. DUMONT: Owen, stop. It's just a 15 mistake. 16 MR. McCLAIN: Don't stop me. 17 We have got an agreement that the people stop me. 18 that are participating today will have their face 19 visible on the screen and will have their speaker 20 muted. And we are not going to do the deposition if 21 we are not going to abide by the rules. And we don't 22 need our witness to be taunted by signs or by 23 commentary during the deposition. That's totally 24 inappropriate. 25 MR. DUMONT: Okay. I see Rachel's

microphone is muted again, so she is not going to answer you.

MR. McCLAIN: She should be visible on the screen. That's our agreement. I can't see her on the screen now.

MR. DUMONT: There she is. So Rachel has just sent me a chat message saying the problem was she had to reboot her computer. Apparently she had the same problem the stenographer did. So here we are. We are trying to get started again.

MR. McCLAIN: I disagree that she had the same problem the stenographer did. She was heard audibly commenting on the current deposition as it goes on, and that's inconsistent with our agreement. And I hope that it stops. We will stop the deposition if we are not going to conduct it in the manner that we agreed to.

MR. DUMONT: Okay. So I was asking, just so the record's clear, whatever Dr. Smolker said, she said it while I was speaking, so I have no idea what she said and I doubt anybody else did.

MR. McCLAIN: I heard what she said.

And she was being critical of the witness's testimony during the middle of the deposition, which is exactly what we agreed not to have happen.

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1	MR. DUMONT: Well I didn't hear any of
2	it. So let me continue with the question. I was
3	asking about now I'm lost.
4	Maybe, Ms. Sears, could you read back
5	whatever the last question was?
6	(The record was read as requested)
7	THE WITNESS: So do I answer now?
8	Sorry.
9	MR. DUMONT: Yes.
10	MR. McCLAIN: Go ahead, Chris.
11	THE WITNESS: Sorry. No. I don't know
12	if I met with Thomson.
13	BY MR. DUMONT:
14	Q. How about an engineer named Fuller; F-U-L-L
15	-E-R, in the South Burlington office? Did you meet with
16	an engineer named Fuller?
17	MR. McCLAIN: Objection to the form.
18	THE WITNESS: I don't remember if I met
19	with Fuller.
20	BY MR. DUMONT:
21	Q. At any time have you met with an engineer
22	named Fuller about the ANGP?
23	A. I don't recall.
24	Q. Then we started to talk about I think I may

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be mistaken, but I think it was during the time period the

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court stenographer's computer had to be rebooted and we 1 2 didn't realize she was missing. I was asking about 3 whether or not you understand what the term engineer of record means. 4 5

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So why don't I start over there. What's your understanding of the term engineer of record?

- My understanding is it's the people responsible for -- for the engineering work on something, a project.
- What's the importance of -- to your understanding what's the importance of an individual putting his signature or her signature and his stamp or her stamp on engineering documents?
 - It's a way to document who did the work.
- Is there any connection between being the engineer of record and signing and sealing engineering documents to your understanding?

MR. McCLAIN: Objection to the form.

THE WITNESS: Yeah. I don't know if

there is a connection between the two, I quess. BY MR. DUMONT:

And I apologize if I asked this before, because I don't recall whether this was when Ms. Sears was with us or wasn't with us. Who was the engineer of record during the time period up to issuance of the CPG on

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1	12/23/2013?
2	A. I believe it was CHA.
3	Q. And do you have any understanding or
4	recollection of who within CHA was the engineer of record?
5	MR. McCLAIN: Objection to the form.
6	THE WITNESS: Can you repeat that?
7	Sorry.
8	MR. DUMONT: Yes. Ms. Sears, could you
9	read it back?
10	(The record was read as requested)
11	THE WITNESS: I don't know the exact
12	time frame, because I believe it changed, but I know
13	Mr. Colantonio was part of that at the start of the
14	project.
15	BY MR. DUMONT:
16	Q. When did it change?
17	MR. McCLAIN: Objection to the form.
18	THE WITNESS: I'm not sure when it
19	changed.
20	BY MR. DUMONT:
21	Q. How did you learn that it had changed?
22	MR. McCLAIN: Objection to the form.
23	THE WITNESS: Yeah. I don't know if I
24	knew at the time.

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BY MR. DUMONT:

1	Q. At some point you learned. How did you learn
2	at that point?
3	MR. McCLAIN: Objection to the form.
4	THE WITNESS: I'm not sure when I
5	learned or how I learned.
6	BY MR. DUMONT:
7	Q. Who became the engineer of record after Mr.
8	Colantonio?
9	A. It had to have been someone else in CHA. I'm
10	not sure if I I know the exact individual.
11	Q. Was Mr. Kearns ever the engineer of record?
12	A. I don't believe so. I'm not sure.
13	Q. Was Mr. Kearns ever the engineer principally
14	in charge of engineering plans and specifications for the
15	ANGP?
16	MR. McCLAIN: Objection to form.
17	THE WITNESS: Can you ask that again?
18	I'm sorry.
19	MR. DUMONT: Yes. Ms. Sears, could you
20	read that back?
21	(The record was read as requested)
22	THE WITNESS: I don't know if he
23	principally was, but I know he worked on them.
24	BY MR. DUMONT:
25	Q. Same question about Mr. Billingsley. Was he

ever the engineer of record for the ANGP? 1 2 I don't believe so. 3 Did you ever do any -- did you have any 4 connection whatsoever of any kind with the Over & Under 5 construction company, pipeline construction company? 6 MR. McCLAIN: Objection to form. 7 THE WITNESS: I've worked with Over & 8 Under. Yes. 9 BY MR. DUMONT: 10 Tell me the nature of the work you did with Over & Under. 11 12 They have done -- they did construction work Α. 13 for Vermont Gas for many years. And I know when I started 14 they -- I can recall that they were working at that time 15 for us. Did you ever do any work with Over & Under in 16 17 connection with the ANGP? 18 Α. Not specifically. I know I attended some meetings with Over & Under there at present. And so --19 20 that was about the extent of it. Was Over & Under given any signed and stamped 21 22 construction plans for the ANGP? 23 MR. McCLAIN: Objection to form. I'm not sure. I wasn't 24 THE WITNESS: 25 on the -- I wasn't really on the project at that

1	point when they were working.
2	BY MR. DUMONT:
3	Q. Who would know the answer to that question?
4	MR. McCLAIN: Objection to form.
5	THE WITNESS: It would be someone else
6	that was on the project team at that point. I don't
7	know if I could name an exact individual.
8	BY MR. DUMONT:
9	Q. Ms. Simollardes?
10	MR. McCLAIN: Objection to form.
11	THE WITNESS: Possibly. I'm not sure
12	if she could answer it.
13	BY MR. DUMONT:
14	Q. Is there any record kept by the company of
15	documents provided to a construction contractor?
16	A. There might be. But I don't have any direct
17	knowledge where exactly those would be or
18	Q. Did you work with the Michels Construction
19	Company, the Michels Company in connection with the ANGP
20	in any way?
21	A. I did.
22	Q. What was the nature of your role in dealing
23	with Michels?
24	MR. McCLAIN: Objection to form.
25	THE WITNESS: I mean it was a variety

of items. Just working on scheduling, of talking about the work, talking about different portions of the project while that was being constructed.

Progress meetings. So it was a variety of items. BY MR. DUMONT:

Q. During the time period Michels was working on the ANGP, how often did you -- what part of -- let me start over.

During the time period 2015, 2016, 2017, how much of your employment in VGS pertained to the ANGP? A little bit, a lot, all?

MR. McCLAIN: Objection to form. Go ahead, Chris.

THE WITNESS: I'd categorize it as a lot to most.

BY MR. DUMONT:

- Q. During the time period that the Michels

 Corporation was a construction contractor, was the Michels

 Corporation ever provided plans or specifications that had

 been signed and sealed by the engineer of record?
- A. They were provided plans and documents, but I don't know if they were -- I don't know if they were all stamped or not.
- Q. Do you know if any of them were signed and stamped by the engineer of record?

MR. McCLAIN: Objection to form. 1 2 THE WITNESS: There may have been some. 3 But I can't -- I can't say for sure what was and 4 wasn't. 5 BY MR. DUMONT: 6 Is there any way that the company possesses of 7 going back and looking at a record of documents that were 8 provided to the Michels Corporation to answer that 9 question? 10 MR. McCLAIN: Objection to form. THE WITNESS: I believe we could go 11 12 back and look. But I don't know what the record may 13 or may not be. 14 BY MR. DUMONT: Did Over & Under ever present shop drawings to 15 16 Vermont Gas or to CHA? 17 MR. McCLAIN: Objection to form. 18 THE WITNESS: I don't know if I 19 understand the question. When you say shop -- shop 20 drawings. BY MR. DUMONT: 21 22 Do you have any understanding of the term shop Q. 23 drawings? I have an idea. 24 Α. 25 Tell us what your understanding of shop Q.

drawings is.

THE WITNESS: Generally shop drawings are something that a contractor or it could be a -- or anybody building something, that they may put a sketch together or drawing together for something that needed some detail with dimensions. Or I mean it could be a variety of things.

MR. McCLAIN: Objection to form.

BY MR. DUMONT:

- Q. Did the Over & Under Construction Company have its own engineers that were advising it to your knowledge?
 - A. To my knowledge, I don't know.
- Q. Do you know what a construction status meeting is?
 - A. I believe so.
 - Q. What is a construction status meeting?
- A. To me a status meeting is just talking about the progress of a -- the progress of construction.
- Q. Did you attend construction status meetings with Over & Under?
- A. I don't believe so. But I can't say for sure.

 I might have attended one or none. I just don't remember.
- Q. Were minutes kept of construction status meetings with Over & Under?
- A. I'm not sure.

1	Q. Did you ever attend construction status
2	meetings with the Michels Corporation?
3	A. I attended some. Yes.
4	Q. Were meetings kept of those minutes? I'm
5	sorry. Were minutes kept of those meetings?
6	A. I'm sure there was some notes, but I don't
7	know in what form or if they were formal or not.
8	Q. Who would have been the note taker or the
9	minute maker?
L 0	MR. McCLAIN: Objection to form.
L1	THE WITNESS: I believe I mean my
L2	guess is it was part of the it would have been the
L 3	construction team, maybe someone on the construction
L 4	team or the contractor possibly.
L 5	BY MR. DUMONT:
L 6	Q. Had you ever seen any minutes of construction
L 7	status meetings?
L 8	A. I can't recall seeing any specific meeting
L 9	minutes. No.
20	Q. One of the documents given to us in discovery
21	states that it is an agreement between CHA and VGS dated
22	June of 2014. Have you ever seen that agreement?
23	MR. McCLAIN: Objection.
24	THE WITNESS: Yeah. I'm not sure if
25	I've seen it or not. I would have to look at it.

BY MR. DUMONT:

- Q. Did CHA's role change in any way that you know of in -- in or around June of 2014?
- A. Their role changed. But yeah, I don't know if that was the date.
 - Q. What's your understanding of the change?

 MR. McCLAIN: Objection to form.

THE WITNESS: My understanding is CHA

-- the construction management was moved to -- from

CHA to other contractors, but I'm not sure of the

exact time frame.

BY MR. DUMONT:

Q. I think you told me you're not sure if you've seen the agreement between CHA and VGS that was signed sometime in around June of 2014; is that right?

MR. McCLAIN: Objection to form.

THE WITNESS: Yeah. I may have seen

it. I'm not sure.

BY MR. DUMONT:

Q. Part of that agreement that was provided to us in discovery states as follows: "VGS shall provide engineer with a copy of the minutes for all construction status meetings."

Does that refresh your recollection at all as to whether minutes were kept at construction status

meetings?

MR. McCLAIN: Objection.

THE WITNESS: No. I don't remember

that --

BY MR. DUMONT:

- Q. Okay.
- A. -- specifically.
- Q. I have some questions for you about Mr.

 Heintz. When Mr. Heintz was preparing his prefiled

 testimony in Docket 7970, did you meet with him, talk with
 him, confer with him in any way?

MR. McCLAIN: Objection to form.

THE WITNESS: Yes. I met with him

during different, I guess, different types of meetings, group meetings and whatnot.

BY MR. DUMONT:

- Q. What was your role in those meetings with Mr. Heintz?
- A. Mostly, as I can recall, I was just listening in on what, you know, what was -- whatever the topics were. And listening in from VGS, because I worked at VGS. And I'd -- I would, I guess, bring up things if I had something to contribute.
- Q. One of his prefiled testimony submissions was dated February 28, '13. On pages 31 and 32 he made some

statements I'm going to ask you about. You don't have to read it. I'll read it to you.

He wrote, "For the transmission mainline, a 4 to 5-foot-wide trench will be excavated to a depth of approximately 5 feet, and soil from the trench will be stockpiled adjacent to the trench within the construction corridor."

Do you recall discussing that with Mr. Heintz before he submitted that written testimony?

- A. That wording definitely sounds familiar. But I don't know if I specifically discussed that -- that item with him in any way.
- Q. At any time since it was filed, including when you were drafting the various reports you submitted that we will get to later today, that -- various reports that you wrote, did you ever ask him about that testimony that I just read?
 - A. No. I don't believe so.
- Q. The next sentence, this is now on page 32 says, "There will be different construction configurations for each of the different types of area to be crossed, including wetlands, agricultural areas, and within the public highway ROW."

Do you recall discussing that with Mr. Heintz before he filed that testimony?

1	A. No. I don't remember I don't recall
2	talking about that.
3	Q. At any time since then have you discussed that
4	sentence with Mr. Heintz?
5	A. I don't believe so.
6	Q. The next sentence says, "These configurations
7	are shown in Exhibit Petitioner Supp," S-U-P-P, "JH-3
8	(2/28/13)."
9	Do you recall discussing that sentence with
10	Mr. Heintz before he submitted his prefiled testimony?
11	A. No, I don't remember specifically discussing
12	that.
13	Q. Do you recall discussing that sentence at any
14	time since then with Mr. Heintz?
15	A. I don't believe so.
16	Q. What about JH-3 itself? Did you review JH-3
17	before it was filed with the Public Service Board?
18	MR. McCLAIN: Objection.
19	THE WITNESS: Is that I need to see
20	that just to confirm what it is. Is it something I
21	can bring up?
22	BY MR. DUMONT:
23	Q. You could. But I'll represent to you it's

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were submitted to the Public Service Board.

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plans for the Addison Natural Gas Pipeline, the plans that

1	A. When you say plans, do you mean like drawings
2	of the corridor and sheets?
3	Q. Yes. And it includes what's referred to in
4	the sentence I just read; it includes configurations,
5	different configurations.
6	MR. McCLAIN: I'm just going to object
7	to asking him a line of questions about a document
8	he's told you he needs to have in front of him to
9	talk accurately about.
10	THE WITNESS: Do I proceed to answer?
11	MR. McCLAIN: Yeah. I don't know if
12	there is a question on the table.
13	MR. DUMONT: Yes.
14	MR. McCLAIN: But yeah. You can
15	answer. I'm objecting. I don't know what question
16	is on the table, if there is one at all.
17	THE WITNESS: Could it just be repeated
18	to me, please?
19	MR. DUMONT: Sure.
20	(The record was read as requested)
21	THE WITNESS: Well without seeing JH-3,
22	my inclination is it's the project plans, and I've
23	seen those project plans throughout the project. So
24	I probably looked at them before before they were

filed and after.

BY MR. DUMONT:

- Q. Thank you. Did you ever discuss JH-3 itself with Mr. Heintz before he submitted JH-3 on February 28 of 2013?
- A. I don't know if I specifically discussed it with Mr. Heintz.
- Q. Further down on page 32 his testimony says,
 "The pipeline will have four feet of cover in agricultural
 areas, within the VELCO ROW and residential areas, and
 generally five feet of cover at road crossings and seven
 of feet cover at open cut streams."

I think it was supposed to say seven feet of cover instead of seven of feet cover -- but the intent was clear. I'll read it one more time. "The pipeline will have four feet of cover in agricultural areas, within the VELCO ROW and residential areas, and generally five feet of cover at road crossings and seven of feet cover at open cut streams."

Do you recall discussing that sentence, or any part of it, with Mr. Heintz before he filed the testimony?

- A. No, I don't recall talking to Mr. Heintz about that.
- Q. Since the CPG was issued, have you ever talked to Mr. Heintz about any part of that sentence?
 - A. I don't believe so.

- 43 Was it part of your job in 2012, 2013, 2014, 1 2 2015, 2016, 2017 to review billing or billing records 3 submitted by CHA? 4 Α. I think in -- I don't know when, but I 5 definitely reviewed some bills, invoices, not throughout 6 that time period, towards the latter part of that time 7 period. 8 2016, 2017? Ο. 9 Yes. 2016, 2017. Correct. 10 Whose job was it within VGS to review billing Q. records from CHA in 2013? 11 12 I don't know that. Α. 13 How about 2014? Q. 14 Α. No, I'm not sure. 15 2015? Q. I'm not sure. But that might have been -- I 16 17 18
 - might have started looking at them sometime in that year. But I'm not -- I don't have the exact date. And I don't know who it was before me.
 - Okay. Thank you. And I'm going to ask you about Exhibit 27.
 - I can open it up? Α.
 - Q. Yes.
 - This is from the St. Hilaire --Α.
- 25 Q. Yes.

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-- exhibit. Okay. Α. If you turn to PDF page 6, we can start there. Q. I'm at page 6. Α. Is that a memo dated February 27, 2018 prepared by Christopher LeForce and Adam Gero? Yes. Can you tell us the difference between your position in 2018 and Mr. Gero's position?

were going on at that time.

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I can, generally. So Mr. Gero was the engineering and compliance manager for Vermont Gas. was in charge of the engineering department and had a group working under him. My role at that time was working as -- working on specific projects for Vermont Gas in a project manager role and overseeing smaller projects that

And I was part of the -- the engineering department at that time still, but Adam and I or Mr. Gero and I were peer managers.

- When you say a peer manager, I think I know Ο. what you mean, but could you explain that?
- We were just both -- both managers at that time. We didn't report to each other, one another, and we both reported to the same person.
 - And who was that? Q.
 - John St. Hilaire. Can I just say a break

around noonish would be good for me? I can hear my stomach starting to growl. I hope you guys don't hear that.

MR. DUMONT: Do you want to take a break now, or do you want to wait for half an hour?

THE WITNESS: No. I just wanted to give people a heads up. Hopefully that would be good with everybody.

BY MR. DUMONT:

- Q. Okay. If you could turn to PDF page 6 of this same document.
 - A. The same page we were on?
- Q. Page -- it's two pages later, I think. No. It is the same page. Yes. Page 6, I'm sorry.
 - A. Okay.
- Q. There is a quote from code, it says, "Code section cited by DPS." And then a citation. Before you read the citation by DPS, were you familiar with 49 CFR Section 192.303?
 - A. Yes. I've read that before. Yes.
- Q. When do you think you first read that? That code section?
- A. I couldn't tell you a date. But I have been reading part 192 since I first started at Vermont Gas. So many, many years.

Q. Okay. Further down on the same page it says, quoting from CPG paragraph 2; "Construction of the proposed project shall be in accord with plans and evidence as submitted in this proceeding."

Do you see that?

A. I do.

Q. And then the next paragraph it says, "VGS maintained written specifications for the project, including a specification for pipe support, VGS specification section 312.333 (which was modified at times during the ANGP), is discussed below."

Did you write that paragraph or participate in writing -- I'm sorry. Did you write that sentence or participate in writing that sentence that I just read?

- A. I'm not sure if that came from -- I don't know if I wrote it specifically, and I can't remember if this section came from the DPS NOPV or we added this ourself. I would have to look at the NOPV to see if this same language was in the NOPV.
 - Q. Okay.
 - A. But -- yeah.
- Q. Let me ask you about whether section 312.333 falls within the description we just quoted. That is, "Construction of the proposed project shall be in accordance with plans and evidence as submitted in this

proceeding." Was section 312.333 submitted in the 3 proceeding? MR. McCLAIN: Objection to the form of 5 the question. THE WITNESS: I don't know if it was submitted with the CPG. I don't believe so. 8 BY MR. DUMONT: Okay. So my question to you is, in preparing 10 this memo did you and Mr. Gero go back and look at the plans that were submitted to the PUC or the PSB in 11 12 obtaining the CPG? 13 I don't know if we specifically went back to the -- to the -- what plans we went back to. But I know 14 we looked at a lot of material in writing this memo. 15 16 In writing this memo did you consult with Mr. 17 Heintz? 18 Α. I don't believe so. Can you tell me why you didn't go back and 19 look at quote, the plans in evidence as submitted in this 20 21 proceeding, end quote? 22 MR. McCLAIN: Objection. THE WITNESS: I don't believe I said we 23

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didn't. I just don't know everything we went back to

look at. There are a lot of documents and plans, and

so, like I said, I can't say for -- I don't know every document we looked at in writing this. know we went back and looked at a lot of material to write this. BY MR. DUMONT: Okay. Does the memo that you wrote quote or cite to any document that was submitted to the PUC? Can you ask that again? I'm sorry. Ο. Sure. Ms. Sears, could you read MR. DUMONT: it back? (The record was read as requested) THE WITNESS: I'm just looking through the memo. Other pages. It looks like that on page 1 the final order is cited in that second to last paragraph. But as I stated before, I can't remember if we wrote that, or we were citing something from

BY MR. DUMONT:

the DPS NOPV.

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- So other than that sentence which I had read earlier which quotes from paragraph 2 of the CPG, does the report that you and Mr. Gero prepared cite to any document that was submitted to the Public Service Board in obtaining that CPG?
 - It looks like I did find one spot that it -- I

document that was submitted.

- O. What's that?
- A. There is an -- on page, PDF page 7, second to last paragraph, it talks about a typical trench detail.

 And I believe those were -- that trench detail is in the plan sets that were the plan sets of the project.

think it cites to the -- possibly cites to the CPG or a

What I don't know if that specific trench detail was the one in the plans to the PSB.

- Q. All right. So the paragraph you're quoting from starts with the sentence, "The DPS further points to details 3 and 6 of the 2015 project alignment sheets."
 - A. Correct.
- Q. Of course the CPG was issued in 2013. So if I understand you correctly, you're saying you cited to the typical trench detail in the 2015 project alignment sheets. That's what you're saying; right?
 - A. That's --

 $$\operatorname{MR.}$ McCLAIN: Objection to the form -- objection to the form of the question.

THE WITNESS: Project alignment sheets

I know were part of the CPG submittal. But I don't

know if what -- if that's the exact same detail

that's in those.

This one is in the project plans

though.

BY MR. DUMONT.

- Q. If you could now look at Exhibit 22 from Mr. St. Hilaire's deposition. Keep Exhibit 27. We will get back to it.
 - A. Oh. Okay.
 - Q. If you can look at PDF page 12 of Exhibit 22.
 - A. Page 12 of 22? Correct?
 - Q. Of Exhibit 22. Yes.
 - A. Yes.
- Q. That is a memo -- I'm sorry -- an email from you to G.C. Morris; correct?
 - A. Yes.
- Q. Fifth paragraph says, "It was our intent to allow the pipe to be installed on the trench bottom if," and then the sentence continues. When you say, "It was our" -- when you said, "it was our intent," whose intent were you referring to?
 - A. I'd be referring to VGS and the project team.
- Q. And what time period are you referring to?
 When was it your intent to allow the pipe to be installed on trench bottom if, and so on.
- A. Could you just repeat that? I think you asked for the time frame.
 - Q. Yes. When was it your intent to allow the

1 pipe to be installed on the trench bottom if certain 2 conditions were met? 3 I think it was at least up until that time 4 that I'm writing this. 5 When was that intent -- you say, "It was our 6 intent to allow." Are you referring to 2015 when the 7 documents -- the plans we were discussing in Exhibit 27 8 were created, or were you referring to some other time 9 that's in the past? 10 MR. McCLAIN: Objection. Objection. Asked and answered. 11 12 THE WITNESS: Am I answering again? 13 Sorry. I don't know what to do. 14 MR. McCLAIN: Yeah. If you can 15 understand the question, you can go ahead and ask it 16 -- or answer. Sorry. If you can understand the 17 question, go ahead and answer it, Chris. 18 MR. DUMONT: Owen, let's try and stick 19 with objection to the form and not suggest the 20 witness's answer. We have been through this so many 21 times. Please refrain from doing that. 22 MR. McCLAIN: We have not been through 23 anything so many times, Jim. I'm allowed to 24 participate in this deposition. And in a reasonable 25 way. And I don't think there is anything

2 the question if he understands it. 3 MR. DUMONT: Yes, it is objectionable. 4 You need to say object to the form and not go beyond 5 that. 6 MR. McCLAIN: No. The rules are not 7 that I can't say anything but object to the form. 8 That's not the rule. Okay? I don't know why you 9 want to fight with me about stuff. 10 I am allowed to just direct the witness to answer the question. That's what he wanted to 11 12 Should I answer the question. I'm his lawyer. 13 I'm saying, yes, if you understand the question, go 14 ahead and answer it. That's completely reasonable. 15 MR. DUMONT: Which is very commonly done by lawyers to suggest to the witness to say I 16 17 don't understand the question. Right? Do you agree 18 with me that's a standard technique? 19 MR. McCLAIN: I'm not agreeing with you 20 about anything today, Jim. No. Absolutely not. 21 MR. DUMONT: Let's not use it in this deposition anymore, okay? 22 23 MR. McCLAIN: If the question -- if the 24 witness has a question on his mind as to whether he

unreasonable about me directing the witness to answer

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should proceed and answer the question, I think it's

1 appropriate for me to be able to direct him to answer 2 the question. You can go ahead and answer the 3 question. 4 THE WITNESS: At this point I think I 5 need the question read back to me please. 6 BY MR. DUMONT: 7 In this document which you wrote, you wrote, 8 "It was our intent to allow the pipe to be installed on 9 the trench bottom if certain conditions were met." 10 What time period are you referring to when it was your intent? 11 12 MR. McCLAIN: Objection to the form of 13 the -- objection to the form of the question. THE WITNESS: I mean I believe what I 14 15 was saying here was the time before up until the 16 point I was writing this at least, that I wrote this 17 email. 18 BY MR. DUMONT: Okay. Was it VGS's intent to allow the pipe 19 to be installed in the trench bottom in 2013 when Mr. 20 21 Heintz submitted his testimony? 22 I can't answer that. I'm not sure. I don't 23 know.

and look at his testimony and the plans that he submitted;

So to answer that question you would go back

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1 correct? 2 MR. McCLAIN: Objection to the form. 3 THE WITNESS: Can you ask that question 4 again, please? 5 MR. DUMONT: Sure. Ms. Sears, could 6 you read it back? 7 (The record was read as requested) 8 THE WITNESS: I mean I guess that's one 9 way that you could do it. Yes. 10 BY MR. DUMONT: How else would you do it? 11 12 I guess I don't know off the top of my head 13 what other ways. Actually I just -- I guess I'm confused about the question. I'm still confused about the 14 15 question. Can you rephrase it? 16 MR. DUMONT: Ms. Sears, could you read 17 back the last question? 18 (The record was read as requested) 19 MR. McCLAIN: Jim, are you refusing to 20 rephrase the question as the witness asked you to? 21 You just want him to ask you a question that he's 22 said he's confused about or --23 MR. DUMONT: I was about to ask my 24 question.

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MR. McCLAIN:

Oh, okay.

BY MR. DUMONT:

Q. So what is it that you find confusing about the questions that the court reporter just read back? My question was how would you determine VGS's intent in 2013. Is that confusing to you?

MR. McCLAIN: Object to the form of the question.

THE WITNESS: Yeah. I'm just confused about exactly what you're asking as far as a -- what -- yeah. I'm just confused. Sorry.

BY MR. DUMONT:

Q. We will -- we will do it over again. We will start with your memo, the sentence that you wrote says,
"It was our intent to allow the pipe to be installed on the trench bottom if certain conditions were met."

And then I asked -- I read that to you, and I asked, okay. How do we determine what -- what our intent was in 2013? So is there anything confusing about that question?

MR. McCLAIN: Object to the form of the question.

THE WITNESS: I guess I don't -- yeah.

I'm not sure how I would go back to find the exact -to find what the intent was at that point.

BY MR. DUMONT:

Well you wrote this. What did you have in 1 2 mind? Did you have 2013 in mind when you wrote this? 3 MR. McCLAIN: Objection to the form. THE WITNESS: I can't remember if 4 that's what I had in mind. 5 6 BY MR. DUMONT: 7 Okay. Why don't you go down to the next page, 8 page 13. That is an email from Mr. St. Hilaire to Mr. 9 Morris with a copy to you. Do you see that? 10 Α. Yes. And it's dated July 1, 2016. And on the 11 fourth line it states, "We provided an email from the 12 13 engineering firm describing his wording and intent." 14 Do you see that? 15 Α. Yes. 16 And if you go a little further up in the same 17 document page -- PDF page 5, I believe, you'll find that 18 email. 19 Α. Yes. 20 Email dated June 22, 2016 at 9:07 -- 9:37 21 a.m.; correct? 22 Yes. June 22, 2016. Α. 23 MR. McCLAIN: Objection to the form. 24 BY MR. DUMONT: 25 And Mr. Kearns is referring to the trench

details in ANGP-T-G-015. Correct? 1 2 I see that on the second line. 3 And 015 tells you these are trench details. 4 I'm sorry. These are, yes, trench details in a document 5 dated 2015? 6 MR. McCLAIN: Objection. 7 THE WITNESS: I can't tell that from 8 this email. 9 BY MR. DUMONT: 10 Do you know when ANGP-T-G-015 was written? I do not. 11 Α. 12 So you have no idea whether it was written in 13 2015? I do not. 14 Α. 15 MR. McCLAIN: Objection to the form of the question. 16 17 BY MR. DUMONT: 18 Let's go back to PDF page 13. The email from Mr. St. Hilaire to Mr. Morris. Dated July 1 of 2016. 19 20 sentence I read starts, "We provided an email from the engineering firm describing his wording and intent." 21 22 Do you see that? I see that on the fourth line of the second 23 Α. 24 paragraph.

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Is that the intent you had in mind when you

wrote "our intent" in the memo that you wrote? 1 I think it's similar intent. Yes. 2 3 At the time that you wrote your memo on June 6 4 -- I'm sorry. Wrong one. In Exhibit 27 -- I'll start 5 over. 6 At the time you wrote your memo in Exhibit 27, 7 it starts on page 6 of Exhibit 27. February 27, 2018. 8 Who was the engineer of record for the project? 9 Exhibit 27 is -- do I have this wrong? 10 Exhibit 27 is an -- oh, on what page? Sorry. 11 Your memo starts on PDF page 6. Q. 12 I'm sorry. I lost the page. 13 That's fine. Take your time. We are getting Q. near the lunch break. 14 Could you please repeat that question? 15 Sure. Referring to page 6 of Exhibit 27, your 16 memo dated February 27, 2018, at that time who was the 17 18 engineer of record for the ANGP? Well the project was finished at that point. 19 So CHA was the engineer of record on the project. So I 20 21 guess it would still be CHA. 22 But what individual was the engineer of record 0. 23 at that time?

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If we go back to 2016 which is in Exhibit 22,

I don't know.

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Α.

Q.

I'm sorry, it's the emails we have been looking at in 1 2 Exhibit 22, Mr. -- from Mr. Kearns to Mr. St. Hilaire and 3 from you, at that time, 2016, who was the engineer of record for the ANGP? 4 5 Α. CHA was the engineer of record. 6 What individual was the engineer of record? 0. 7 I don't know off the top of my head. Α. 8 Did you make any effort to consult with the Ο. 9 engineer of record when you were preparing, for example, 10 the email that you wrote on July 7 of 2016? MR. McCLAIN: What page are we on, Jim? 11 12 MR. DUMONT: PDF page 12 of Exhibit 22. 13 THE WITNESS: When -- I believe when I 14 was writing that, I -- at that time I was talking with CHA about items like this. Yes. 15 16 BY MR. DUMONT: 17 And who at CHA were you talking with? Q. 18 I would have been talking with Brendan Kearns 19 or Tyler Billingsley. That those were the -- my main 20 contacts. All right. It's 11:57. Do you want to break 21 22 now for lunch? 23 Α. That works for me. If -- yeah, as long as

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Sure. Because the next questions and answers

that's okay with everyone else.

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1	will take more than 3 minutes. So I think what I'll do to
2	make sure this works. I'll leave the meeting going. We
3	are going to mute everybody, if I can do that correctly.
4	And then you can either leave the meeting or stay on it
5	and just let the camera show a blank room, whatever you
6	want. And how much time would you like?
7	A. Sorry. I muted myself. I'm open to something
8	between I assume people want to eat like I do. So 20
9	to 30 minutes. Is that fair?
10	MR. DUMONT: That's fair. Whatever is
11	comfortable for you.
12	THE WITNESS: Yeah. Let's do I
13	guess let's do 30 minutes if that's okay.
14	MR. DUMONT: Sure.
15	THE WITNESS: Just so everybody has a
16	chance to eat lunch. I definitely want to eat lunch.
17	MR. DUMONT: Good. All right.
18	Starvation is not the usual part of the deposition.
19	So
20	THE WITNESS: I appreciate it.
21	MR. DUMONT: All right. So we will
22	resume at 12:30. I'm going to mute everybody, I
23	hope.
24	THE WITNESS: Thank you.

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(Recess was taken.)

(Mr. Porter is absent)

BY MR. DUMONT:

Q. All right. I think we are all back here except for Jim.

Mr. LeForce, I want to start by apologizing for you. One of the questions or two of the questions I asked before the lunch break the assumption in my question was incorrect. The exhibit ANGP-015 if you look at the that label, 015 does not stand for the year. So apologize for that.

A. Okay. Thank you.

MR. McCLAIN: Sorry, Kim? Oh, there she is. She is not in the same spot that she was earlier on my screen.

BY MR. DUMONT:

- Q. All right. Let's proceed to Exhibit 24.
- A. Okay.
- Q. This is an email from Mr. Gero to Mr. Morris with a cc to you, Shana or Shana. Shana?
 - A. Shana.
- Q. Shana. S-H-A-N-A. Kane. K-A-N-E. And Mr. St. Hilaire. And it says subject. RE: Items from the matrix.

Do you know what the matrix was?

A. I'm just going to take a second to look at the

document.

- Q. Take your time.
- A. In the first line of the email it says, "Reviewing the matrix of discussion items."

So it was a matrix that -- just what that says. I think it was discussions items between -- discussion items with GC, Mr. Morris. He might have put it together. And -- that was a list of discussion items.

- Q. So it's not a long email. Why don't you just read through the whole thing, and then I'll ask you a question about it.
- A. The entire four pages or just that first part of it?
- Q. It's four pages, but it's large print so it's only just a couple paragraphs.
- A. Oh sorry. You want me to just on my own read through it?
 - O. Yes. Yes.
- A. Okay. Sorry. Thank you. Okay, I've read through it.
- Q. Did you have any role in the creation of this email?
- A. I don't know. It came from Adam, so I'm not sure if I had input to this exact email.
 - Q. Do you know why you were sent a copy?

- A. I was cc'd on it probably because there is items that I was involved with.
 - Q. Which items would those have been?
- A. Some of the cathodic protection items, the integration of data. Those were two items I was involved with.
- Q. What about the item that I will read? "VGS followed the construction type W detailed on sheet ANGP-T-G-006 of the design drawings for pipe installations in swampy areas."
 - A. What's the question there?
- Q. Was that one of the items that fell within your responsibility?
- A. Yeah. I could have worked on that. I don't know specifically at this point.
- Q. Now this is August the 17th. What knowledge did you have then of the construction practice that was actually used in the clayplains swamp in New Haven?
- A. My knowledge of that was really when -- when this came up with this proceeding. I wasn't involved with it at the time, but I'm definitely aware of all the back and forth about that since the time it was installed.
- Q. Were you involved in any -- were you involved in the root cause investigation that Mr. St. Hilaire performed?

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1	A. I remember that getting completed, and my
2	guess is I helped contribute to that in some form. But I
3	don't remember my exact role in that.
4	Q. In preparing Exhibit 24 to Mr. Morris, did
5	you, Mr. Gero or Mr. St. Hilaire go back and look at the
6	plans submitted by Mr. Heintz in Exhibit JH-3?
7	MR. McCLAIN: Objection to the form of
8	the question.
9	THE WITNESS: I can't say if that
0	happened or not.

BY MR. DUMONT:

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- Was construction type W that's mentioned in the email part of Mr. -- Exhibit JH-3 that was submitted to the Public Service Board?
- Construction type W was part of the plan set. I don't know if it was part of that exact. I need to open that plan set to verify that or not. I don't know off the top of my head. Sorry. I just spilled some tea.
 - Take your time. Q.
- No. I'm good. Just fumbling around here for Α. a second.
 - If you could go to Exhibit 32. Q.
 - I have 32 open.
- This is just a little over a page of emails from June of 2016. Why don't you take a second and read

through them.

- A. Yup. I've read it.
- Q. Judging from the times on this it looks like we start at the bottom and work up. It says, "On June 29 at 7:45 p.m., Michael J. Reagan wrote."

Do you see that?

- A. Yes.
- Q. But the part of an email that shows who it was sent to is not reproduced here. Do you have any recollection of receiving this email?
 - A. I don't.
- Q. So it says gentleman, M-A-N, "Gentleman: GC is back on the issue if compaction on the VELCO easement."

 I believe that should be of compaction, but it says if compaction on the VELCO easement. "Just a heads up. He talked to some operators today. So --" accept, it's written E-X-C-E-P-T, but I think he means accept. "So accept a call tomorrow. I was just notified by the VELCO inspector, Mike."

And then the reply is from Mr. St. Hilaire, "Compaction or placing pipe on bottom of trench?"

And then there is a reply by Mr. Reagan at 7:49 p.m., "Compaction, the original spec."

And there is a reply from Mr. St. Hilaire at 7:49 p.m. as well. "I thought we took that out?"

And then there is an email from Mr. Reagan where we see all of the addressees, and it's from Mr. Reagan to Mr. St. Hilaire with a cc to Mr. Stamatov, a cc to you. It says, "I did to." It's spelled T-O, but I think he means T-O-O. "I did too. We went thru it."

T-H-R-U. "I did too. We went thru it. Hope CHA did it. I thought -- I thought," T-H-O-U-G-H, "this was all set. We look into it tomorrow morning."

Do you remember receiving that email?

- A. Not specifically this email. But yeah.
- Q. So there was a fair amount of back and forth about compaction back and forth between the department and the gas company about compaction in 2016; correct?
- A. I don't remember a lot of back and forth. I remember -- I definitely remember the topic coming up.

 Yes.
- Q. In the email where Mr. Reagan writes, "Compaction, the original spec," did you understand at the time what he meant by the original spec?
- A. I don't know specifically, but yeah, I don't know from what he wrote there, or I can't remember exactly, you know, what -- reading it now what he meant there.
- Q. At any time you have been working for Vermont Gas Systems from December 23, 2013, up through the date of

this email in June of 2016, did you go back and look at what Mr. Heintz had submitted about compaction?

- A. I can't. I mean I know I went back to look at -- I remember going back and looking at Mr. Heintz' testimony. But I don't know if it was the purposes of compaction.
- Q. Did you have any phone conversations or inperson conversations with Mr. St. Hilaire about compaction
 and what was required? I'll start -- bad question. Let's
 start over.

At any time have you had any conversations, phone or otherwise, including in person with Mr. St.

Hilaire about the compaction requirements set forth in the plans and evidence submitted to the PSB in 2012 and 2013?

- A. Yeah. We definitely I would say talked about compaction at one point or another.
- Q. And my specific question is, did you talk to him about the plans and evidence submitted to the Public Service Board in 2012 and 2013 about compaction?
- A. Oh, I apologize. I don't know if it was specific to that, those submittals or not. Or I cannot remember if it was specific I should say.
- Q. In this email from Mr. Reagan he says, "I did too. We went through it. Hope CHA did it."

What did you understand he meant by that?

MR. McCLAIN: Objection to the form of

the question.

BY MR. DUMONT:

Q. Let me ask a better question. The email before that -- let me read that, from Mr. St. Hilaire said, "I thought we took that out."

And then Mr. Reagan replied, "I did too. We went through it. Hope CHA did it. I thought this was all set. We look into it tomorrow morning."

So my question is, what is it that you, if you know, that Mr. St. Hilaire was referring to when he said, "I thought we took that out"?

 $$\operatorname{MR.}$ McCLAIN: Objection to the form of the question.

THE WITNESS: My recollection from compaction with VELCO was I know we worked with VELCO on a spec for their right of way and doing some calculations. So I believe that it refers to that. But I can't say for sure. But it's -- I believe that's what it's talking about.

BY MR. DUMONT:

Q. And do you recall any discussion that you, Mr. St. Hilaire, Mr. Gero or anyone else had at Vermont Gas that you knew about with CHA about obtaining an approval from the PSB or PUC for taking that out? As Mr. St.

1 Hilaire's says. 2 MR. McCLAIN: Objection to the form. 3 THE WITNESS: I can't recall any 4 conversations about that. No. 5 BY MR. DUMONT: 6 Did you do anything in response to these 7 emails from June 29, 2016? 8 Not that -- I can't remember if I did or not. 9 If you could turn to Exhibit 49. 49. 10 Yes, I have 49 open. Why don't you take a minute and read through 11 12 it. It's not very long. 13 Just the first part? 14 You should read the whole thing so you have 15 context. Okay. My second two pages are blank. 16 Α. 17 Really? Q. 18 Is that the case? I just have page one that has stuff on it. 19 20 There may have been a copying problem. MR. McCLAIN: Maybe it's just --21 22 sometimes my PDF viewer takes a second to load, 23 Chris. Are you looking at it on the web or did you download those? 24

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THE WITNESS: No. I downloaded them.

MR. McCLAIN: I downloaded them too. I have content on pages 2 and 3.

THE WITNESS: You do? I'll try and

reopen it. We are at 49?

MR. DUMONT: Right.

THE WITNESS: Yeah. My second two pages are blank. I can try and open it through the web too.

Sorry.

BY MR. DUMONT:

- Q. If you just look -- you have pages 1 and 2 or just page 1?
- A. I just have page 1. And it ends -- the last thing I can see is, "Good morning, Shana and Adam."
 - Q. All right.
 - A. From an email heading April 6.
- Q. All right. I'll just read you the rest of the email. So it's April 6, 2018. 7:06 a.m. "Good morning, Shana and Adam. Regarding the quote, ARK post-survey actions, unquote, listed in this week's field activity, field activity plan(s), with an S in parenthesis after plans. And then it says, "(Contained in Shana's email below):" I'll read the whole sentence again. "Regarding the ARK post-survey actions listed in this week's field activity plan(s) (contained in Shana's email below):"

"VGS (or ARK), should have a written procedure

on what to document when performing an excavation. Please forward this procedure to Michelle and I at your most early convenience; I would like to reference it during today's activity."

"Shana, would you please forward Michelle and I indications (ITS screenshots or other documents) to substantiate current OQ certifications of," and then there is a bullet point, "excavation near pipeline facilities." Bullet point, "coating application." And bullet point "corrosion protection for the following individuals.

Joshua Robtoy, Larry Ducharme, Jeremy Bachand." Robtoy is R-O-B-T-O-Y. Ducharme is D-U-C-H-A-R-M-E. Bachand is B-A-C-H-A-N-D.

"Thank you, GC." That's G.C. Morris. So that was the April 6, 7 a.m.

And then we have April 6, 8:26 a.m. "Hello Chris and Jeremy," the email to you and Jeremy. First, who is Jeremy Bachand?

- A. Jeremy is our -- I believe his title is senior corrosion technician.
- Q. And second what is -- what's the -- I'll start over. It says, "Hello, Chris and Jeremy. FYI: I have included a list of minimum informational elements for a written procedure on what to document when performing an excavation related to, quotation, ARK post-survey actions,

unquote below."

What does -- what is the excavation related to ARK post-survey actions below?

- A. I'm not sure what you're asking. What do you mean by excavation?
- Q. Describe the excavation that Mr. Morris is addressing.
- A. Oh, I believe he's addressing when we completed some additional surveys after the pipeline was put in, we did some follow-up surveys. And from that, there were some spots to further investigation, and these types of investigations or these excavations are a way to go out and verify what maybe was seen with -- on a survey actually in the field on the actual facility being surveyed. If that makes sense.
- Q. Thank you. And he then lists 15 items. The second sentence of his first paragraph says, "Please include information related to each item in your specific in your specific reports for each excavation, and plan to review the reports with me and/or our consultant, Dave Berger in the near future," and then he lists 15 items. What did you or Jeremy do in response to this list of 15 items?
- A. I think we -- I believe we supplemented -- we have a form for when we expose the pipeline for any

reason, and what we did was we made a supplemental form to include some of these additional items for this specific type of excavation. And from the email we were asked to include those, so we -- I believe we collected those on a supplemental form.

- Q. If you could turn to Exhibit 38 now.
- A. Yes, I have that open.

- Q. Can you tell us what Exhibit 38 is?
- A. It is a report and inspection excavation report that we -- that I prepared after we did some excavations on the pipeline from the data received from multiple in-line inspections of the pipeline.
 - Q. And you wrote this report?
- A. Yeah. I prepared it with -- with help from others.
 - Q. And who were the others?
- A. The others would have been other people from VGS. One looks like Lee Brown, and I'm sure I got support from our engineering team.
 - Q. Who was Lee Brown?
- A. Lee Brown is an employee of Vermont Gas. He
 -- I think his current title is operations project
 manager, and he works for the operations department.
- Q. So you're doing the excavation that was the subject of G.C. Morris's email to you that was Exhibit 49?

A. Sorry. I closed 49. I shouldn't have. No. At least two separate -- this is two separate issues. Or sorry.

 $\,$ GC is referring to something different than what that report is for.

- Q. All right. Can you tell me the difference?
- A. The -- just bear with me for a second.
- Q. Yeah.

A. I started -- I opened my email by accident.

I'm just closing the window.

So GC is talking about -- in GC's email in Exhibit 49 he's talking about excavations we did in response to cathodic-protection-type surveys. The report that I -- let's see. The report that I wrote in Exhibit 38 or that I prepared in 38 was a report based on excavations from the in-line inspections. So they are two different items. They are two different reports for this.

- Q. Okay. If you turn on Exhibit 38, if you could turn to page four.
 - A. PDF 4? I guess it's 4 too on the bottom.
 - Q. This one -- they are the same.
 - A. Yes.
- Q. There is a photograph of excavated pipe for inspection on 4/27/18.
 - A. Now I have a picture -- orthographic photo on

	. •
1	page 4.
2	Q. Oh, okay.
3	A. Are we on Exhibit 38?
4	Q. Yes.
5	A. Okay.
6	Q. Let's see.
7	A. Mine has "Excavation Inspections" on top.
8	Number roman numeral number II.
9	MR. McCLAIN: Yeah. It's an ortho
10	picture on page 4 of the PDF I have too, Jim.
11	BY MR. DUMONT:
12	Q. All right. We need to go to PDF 5 then.
13	Which is
14	A. Yes.
15	Q. Document page 4.
16	A. Yes. I see two pictures on that page.
17	Q. Do you see a picture of an it says,
18	"Excavated pipe for inspection on 4/27/2018"?
19	A. Yes.
20	Q. And the next, I think it's the next PDF pag
21	below that, it's is that the same pipe from a furthe
22	distance or different pipe?
23	A. Based on the report, I think it's the same
24	excavated area.

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Q. Were you present at the scene of this

excavation?

- A. I don't in here say I was, but the pictures -the area looks familiar to me.
- Q. Well underneath the picture it says, "Measured depth of cover to top of pipe was 4.75 feet. As-built data recorded in this area has a depth of 6.4 feet."

Do you see that?

- A. Yes.
- Q. Did you write that?
- A. I believe so.
- Q. Why was that important enough to note?
- A. I mean for all these excavations we were -- we were -- after excavating we were recording the depth of cover that we found when we were out there.
- Q. So here you found that the as-built data was wrong; correct?
 - A. Yes. They do not match.
 - Q. Who was responsible for that as-built data?
 - A. For most of it, it was CHA. Survey.
 - Q. How did they prepare that data?
- A. They used survey equipment, survey equipment that's used for surveying. I don't know the exact equipment models or anything like that. But typical survey equipment, GPS total stations.
 - Q. Can you ascertain roughly where this location

1 is? What town it's in, for example? 2 We are still on page 5; correct? 3 It's numbered page 5 PDF. May be off a little 4 bit. 5 of 20. I believe that's Essex. 5 Α. Did you take any steps upon discovering that 6 7 the as-built data was incorrect? 8 I don't think, no. I don't think I took any Α. 9 specific steps to that except continuing to record depths. 10 So you did not inform CHA that their data was 11 erroneous, am I correct? 12 I don't believe so. 13 I asked a poor question. So negative with a 14 positive. So let me just ask a straightforward question. 15 Did you inform CHA that their as-built data 16 was incorrect? 17 MR. McCLAIN: Objection. 18 THE WITNESS: I don't know if their as-19 built data, I can't say their as-built date was 20 incorrect. At the time the as-built data was taken in maybe about 2014 or 2015, it could have been 21 22 correct at that time, but we did this excavation

correct or incorrect.

three to four years later. So the contour could have

changed. So I can't say whether their data was

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All I can say is in 2018, from what I wrote, they didn't match.

BY MR. DUMONT:

- Q. What would cause the contour to change from 6.4 feet to 4.75 feet during that time period?
- A. The contour -- the contour wouldn't be -- or the measurements aren't of the contour. The ground above the pipe could have changed in those few years and changed that depth. So the existing grade could have changed between the time the survey was done and the time we went in and excavated the pipe.
- Q. What would cause the depth of cover to change during that time period?
- A. I mean it could be a variety of things. There could have been work -- work done in that area that changed it. It could be, I don't know, from the orthophoto it's by a road. So there could have been a change there.
 - Q. Why would -- sorry. Go ahead.
 - A. Erosion. It could be erosion.
- Q. Why would being near a road affect the depth of cover over the pipeline?
- A. Roads, I'm just talking general here, many roads, as you see, might have drainage ditches or other things around it. So things could have been done

alongside of the road. So -- there is, depending on 1 2 again, depending on the location and where you are, the 3 contours can change. 4 But Vermont has a Dig Safe law; correct? 5 MR. McCLAIN: Objection. 6 They -- I don't know if THE WITNESS: 7 -- I guess I don't know what the exact law is, but 8 there are rules around Dig Safe; correct. 9 BY MR. DUMONT: 10 So are you saying that a state or town highway employee could have removed cover from above a pipeline? 11 12 MR. McCLAIN: Objection. 13 THE WITNESS: Can you ask that question 14 again, please? 15 MR. DUMONT: Sure. 16 BY MR. DUMONT: 17 Are you saying that one of the possibilities 18 is that a town or state employee removed cover from above the pipeline? 19 I'm not saying that's the case here. But a 20 21 state could do work around our pipeline. 22 You didn't mention compaction as possible Ο.

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possible cause?

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I don't believe that would be a possible cause

cause, or lack of compaction. Do you think that's a

for this type of situation. 1 2 Q. Because? MR. McCLAIN: Objection to the form. THE WITNESS: Just based on what I'm 5 looking at from my report, I just don't believe that 6 that would be a reason in this case. 7 BY MR. DUMONT: What is it about what you see in this report Ο. that tells you it would not be a reason in this case? 10 The difference in the depth, the type of soil. Some of those soils that I see around there, that's -- I 11 mean that's just my -- my read of this location. 12 13 On PDF page 5, document page 4, it says, Q. 14 "Found wet, sandy and clay soil." Are you saying that wet, sandy and clay soil 15 16 would not settle if not -- in the absence of compaction? 17 MR. McCLAIN: Objection to the form of 18 the question. 19 THE WITNESS: Yeah. I don't think that there would be -- brought from this that there would 20 be that amount of settling based on what I see here.

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BY MR. DUMONT:

Okay. If you could turn to PDF page -- well it's document page 7. "Inspection details. Location number 2."

1	A. Page 8 of 20 on the bottom.
2	Q. It says 7 of 20, I think, on the bottom of
3	mine.
4	A. Page 7 of 20 on mine says, "General
5	information. Location 2."
6	MR. McCLAIN: That's what mine looks
7	like too.
8	THE WITNESS: And again, it's an
9	orthographic photo of the area.
10	BY MR. DUMONT:
11	Q. Okay. If you go below the orthophoto, there
12	is a TDW symbol?
13	A. Yes.
14	Q. And it says, "Group Dig Site Information
15	Report." Do you see that?
16	A. Correct. I see that.
17	Q. And then below that it says, "Inspection
18	details. Location number 2."
19	A. No. I don't see that on my page.
20	Q. Maybe it's the break is on the next page.
21	A. Yeah. I see "Inspection details" on the next
22	page.
23	Q. Okay. It says, "Inspection details. Location
24	2." And then there is a bullet point, "Excavated pipe for
25	inspection on 5/24/2018." Another bullet point. "Found

pipe padded with damp, clay-like material, and it was wrapped in rock shield. Backfill was mostly shot rock above the pipe."

Do you see that?

A. Yes.

- Q. Using the specifications that CHA had provided to VGS, was it permissible to have shot rock in backfill?
- A. I'd have to go back and look to see exactly how the rock was allowed. Rock was allowed above, as I can recall, some rock was involved -- or allowed above the pipe, but not around the pipe. If I described that -- that's understandable.
- Q. Do you recall what JH-3 sets forth as the typical trench detail?
 - A. I recall a trench detail. Yes.
- Q. And did it call for laying the pipe on sand and then covering the pipe with 12 inches of sand?
- A. I would have to look at the detail. But that

 -- I mean that sounds -- if you're reading from it, it

 sounds -- sounds familiar. Yes.
- Q. If you could scroll down to -- slowly getting there. Screen keeps jumping around on this.
- Okay. Next we are in the middle of 38 here.

 Now I want to see if you would go to Exhibit 45. Sorry

 for not realizing. I was looking at a different exhibit

so --

- A. Oh.
 - Q. Let's go to 45.
 - A. Yes. I have -- yes. I have 45 open.
 - Q. Can you tell us what 45 is?
 - A. 45 is a similar report that I described earlier. It's a report on inspection investigation or -- sorry. Let me repeat that.

Inspection excavations we completed on the pipeline from an ILI that we did and from a data integration analysis.

- Q. And just so the is record clear, you said an ILI that you did?
 - A. Yes. ILI.
 - Q. And ILI stands for?
- 16 A. ILI stands for in-line inspection.
 - Q. In general, what is an ILI?
 - A. In general, an ILI is an inspection that you can do on a pipe. There is a variety of types, but basically you send something -- some type of device through the inside of the pipe to measure whatever the type of device is for. You can pick up measurements and data from that device going through the pipe.
 - Q. This report was issued, according to its front page, on March 20, 2019. Second page -- I'm sorry. On

84 the first page it says, "Draft Only." 1 2 Do you know if this was revised or changed in 3 any way after March 20, 2019? 4 Α. I don't know. I don't remember. 5 Q. Now -- and it's a long document, so why don't 6 we take a minute and just scroll through it and see if it 7 -- having scrolled through it, anything jumps out at you 8 at having been changed or superseded? 9 MR. McCLAIN: It's a 64-page document, 10 Jim. MR. DUMONT: That's correct. 11 12 THE WITNESS: I mean I can't tell if 13 there is a follow up to this from scrolling through 14 it. 15 BY MR. DUMONT: 16 Okay. I'll represent to you that in discovery 17 this was given to us, and no other version of this was 18 given to us. That's why I'm using it. But it does say "Draft Only." 19 20 Who was Matthew Lawlis? 21 Matt Lawlis is a VGS employee that works in

- the engineering group at -- yeah, at VGS.
 - Q. Are you one of his supervisors?
 - I am not his supervisor. Α.

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Who would be his supervisor? Q.

- 85 1 Adam Gero is his supervisor. Α. 2 Did you participate in any way in the creation 3 of this report? I don't know if I added to the -- I don't know 4 Α. 5 if I had any specific input. I know I definitely have 6 seen it before and looked at it for sure. Yes. 7 If you look at section 1 on page 2, 8 "Background." Read that, and I'll ask you about it. Just 9 what it says there. 10 The entire page? Α. 11 Q. Yes. 12 Okay. Okay. Α. 13 Am I correct that the report we discussed Q. 14 earlier which was based on the ARK Engineering CIS, let me 15 start with that. The email that Mr. Morris gave you was 16 17 pertaining to the excavations planned to follow up on the 18 ARK Engineering CIS; correct? 19 Yes. Α.
 - Q. And then the report that we just looked at, 38, that was in response to the Rosen Group ILI?
 - A. What -- again, I apologize.
 - O. Sure.

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A. I shut the previous exhibit we were looking at. The report.

That was 38. 1 Q. 2 Α. Okay. I'm just going to bring that back up. 3 Yeah. Yeah. Ο. The previous report that we had up and talked 4 5 about in Exhibit 38 were for in-line inspections that were 6 done on the pipeline by T.D. Williamson and Enduro 7 Pipeline. The report -- sorry. 8 What's your -- I should ask, what was the 9 original question? 10 Was the T.D. Williams' report done in response 11 to the Rosen report? 12 These are two different reports for two Α. 13 different -- sort of two different sets of data. 14 Okay. So going back to Exhibit 45. This report is to follow up on everything -- all the studies 15 16 done earlier. It's in response to the Rosen study, the 17 ARK report, and the T.D. Williams' Enduro report; 18 correct? 19 MR. McCLAIN: Objection to form. 20 THE WITNESS: Not exactly. BY MR. DUMONT: 21 22 Q. Okay. Correct me. 23 This report in Exhibit 45 was about 24 excavations we did after we completed the Rosen in-line

inspection, and as part of this, we also took a lot of --

all the data done to that point, and did some excavations 1 2 based on that data combined. 3 So you combined the data from Rosen, ARK, and Q. 4 Williamson in determining where to excavate. Is that what 5 you're saying? 6 Objection to form. MR. McCLAIN: THE WITNESS: It was combined data from 7 8 these various surveys that we had done, plus there 9 were other items part of that too. 10 BY MR. DUMONT: Thank you. If you could go to -- on mine it's 11 Q. 12 page 21 of 39. 13 On which exhibit? 14 Q. 45. 15 What page again? Sorry. Α. Sure. 21 of 39. 16 Q. 17 Α. Okay. 18 Does yours show a pipe with a yellow material over it? 19 Yes, it does. 20 Α. What's that yellow material? 21 Q. 22 It's -- it's commonly known as rock shield. Α. 23 And right above the photograph of the pipe 24 with rock shield, there is a bullet point. And it says,

"At expected indication, pipe (in rock shield) was sitting

on a knob of ledge." 1 2 What does at expected indication mean? 3 There was -- basically from one of the 4 surveys, there was an indication there, and that's where 5 -- that's why we excavated it. 6 And can you, by looking at this report, find 7 out what that indication was that led you to -- led VGS to 8 excavate here? 9 What was the question again? I'm sorry. 10 What was the nature of the indication Q. Yes. that led VGS to excavate at this site? 11 12 The on -- we are on page 21 right now; Α. 13 correct? 14 Q. Yes. So for -- going back a couple pages, we 15 Yeah. are at location 6 it says. And it says it's a 16 17 deformation. 18 MR. McCLAIN: It says what? 19 It says on page 19 of 39 THE WITNESS: it says it is deformation. 20 BY MR. DUMONT: 21 22 And can you explain what a deformation is? Q. 23 Basically it's the formal way of saying a 24 dent.

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Q.

So like lawyers using unnecessarily big words.

1 You don't have to answer that. 2 Thank you. 3 Okay. Back to page 21. It says, "An expected 4 indication. Pipe in rock shield was sitting on a knob of 5 ledge." 6 Am I correct that until you did the 7 excavation, VGS did not know that the pipe was sitting on 8 a knob of ledge; is that correct? 9 MR. McCLAIN: Objection to the form of 10 the question. THE WITNESS: Could you repeat that for 11 12 me? 13 BY MR. DUMONT: 14 Q. Yes. Until VGS excavated down to the pipe, 15 did VGS have any knowledge that the pipe was lying 16 directly on a knob of ledge? 17 MR. McCLAIN: Objection to the form of 18 the question. 19 THE WITNESS: I mean I wasn't aware 20 that it was on a piece -- that it was sitting like 21 that. No. 22 BY MR. DUMONT: 23 Is laying the pipeline directly on a knob of

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CHA had provided to VGS?

ledge consistent with the plans and specifications that

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No. I don't believe so. Α. So in the course of constructing the pipeline, was laying down this pipe subject -- at this location subject to any inspection? Yes. We had inspection along the pipeline. Okay. So did you check to see if there is any inspection report that states, "Pipe laid on knob of ledge"? I did not go back through to look at the inspection reports to look for that information. At this location who employed the inspector or inspectors? Are you asking -- I guess I need clarification. Do you mean the company the inspectors worked for? Good question. I should clarify that. trying to ask you open ended questions. But let me be a little bit more leading. Did the construction contractor employ the inspectors at this location, or did Vermont Gas either directly or through a subcontractor, employ the inspector at this location?

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- A. Vermont Gas employed inspectors through another company.
 - Q. And do you know what company that was?

Т	A. This section looking at the location was, I
2	believe, installed in 2016. And our the inspection
3	company or most of the inspectors came from Hatch Mott
4	MacDonald. And I think since maybe even part way
5	through they became Mott MacDonald.
6	Q. And what town is this site in?
7	A. The Town of New Haven.
8	Q. And you can tell that because the orthophoto
9	shows the site is just north of River Road? And it's
10	mileage in the 2 thousands? Not mileage. It's marker
11	what's the right term? It's 2000 plus?
12	A. Stationing.
13	Q. Thank you. Stationing. Is that how you
14	determined that?
15	A. Yeah. From my being familiar with the
16	stationing, and I looked on the I looked through the
17	data, and it said New Haven as well.
18	Q. Oh, that was cheating. Just kidding.
19	On page 21 below bullet point, "Used hydraulic
20	hammer and pneumatic," P-N-E-U-M-A TIC "jackhammer to
21	break ledge from below pipe."
22	Do you know if you were present at the time?
23	A. I was not.
24	Q. Did anybody who was present at the time

contact you and say, "Hey, we found the pipe was resting

directly on ledge in New Haven"? MR. McCLAIN: Objection to form. THE WITNESS: I don't remember if anyone contacted me directly. But I do remember having discussions with people at VGS about this location and removing the ledge. BY MR. DUMONT: What do you remember about those discussions? That we wanted to remove the ledge, and not have it that way. There is a photograph of a piece of equipment that has Hitachi on it. Do you know what that equipment is doing in the photograph? It's kind of small. But it's probably an excavator with the pneumatic hammer on it. Or hydraulic hammer. So it's -- hydraulic hammer is in this photograph between the viewer and the yellow-coated pipeline; correct? Maybe. I can't tell if the black -- there is a black band that you can kind of see where the pipe is, and I'm not sure if that's part of the equipment or if

that's something on the rock shield.

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immediately below the Hitachi photograph says, "Found

Okay. Thank you. The bullet point

wrinkled coating where pipe was resting on ledge at 1 indication." 2 3 What does wrinkled coating mean? Α. Wrinkled -- just like a wrinkle in a -- like 4 5 on -- in a sleeve. There is -- it's not -- I guess it's 6 not smooth. 7 Is wrinkled coating acceptable? 8 MR. McCLAIN: Objection to the form. 9 THE WITNESS: I -- I can't really say 10 if it's acceptable or not. There's a lot of factors with coating and whether the coating is protecting 11 12 the pipe. So the presence of a wrinkle doesn't mean 13 that it's not protecting the pipe. BY MR. DUMONT: 14 15 What was the nature of the coating that was 16 wrinkled? 17 I'm not sure what you mean by nature. 18 Was it a manufactured coating, and if so, what 19 was the type of coating? MR. McCLAIN: Objection to the form. 20 21 THE WITNESS: I'd have to go through 22 the data to just -- to verify what the exact coating 23 was in that area. 24 BY MR. DUMONT:

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So the coating was beneath the yellow rock

shield; correct?

- A. Yeah. Generally the coat -- the pipeline coating is over the steel pipe, and then the rock shield is over -- is wrapped around the pipe. So the coating -- the pipeline coating is underneath the rock shield.
- Q. And do you know what the purpose of the coating is?
- A. The coating is to protect the -- protect the pipeline. In a pipeline's case it's to protect the pipeline from corrosion. Sorry. I need to correct my answer there.
 - Q. Okay.
- A. In this case it depends where you're talking about. But in general, a pipeline coating is to protect the pipeline from corrosion, other coatings do other things.
- Q. Was the purpose of the coating that was wrinkled in this location to protect the pipeline against corrosion?
 - A. Generally, I believe so in this area.
- Q. Using your sleeve analogy, a wrinkle means some parts are higher and some parts are lower?
 - A. That's --

MR. McCLAIN: Object -- hold on. Objection to form. Go ahead.

THE WITNESS: I'm assuming -- I didn't 1 2 write this, and I don't have a picture of the 3 wrinkled coating that I can see, but that's what I'm assuming from what was written here. 4 5 BY MR. DUMONT: 6 And just as a matter of simple logic, some 7 parts of the coating are raised up, that means other parts 8 are either thinner or have gaps in them; correct? 9 MR. McCLAIN: Objection to the form. 10 THE WITNESS: It depends on the coating, because the corrosion coating here, the 11 12 outer layer of the coating, yeah, has the wrinkles, 13 but it may not effect the purpose of the coating 14 protecting the pipe. 15 BY MR. DUMONT: How thick is the coating when it's applied? 16 17 I need more detail to answer that question. 18 Or -- yeah. I need more detail. At this location, are -- what was the 19 20 thickness of the coating supposed to be? 21 MR. McCLAIN: Objection to the form. 22 THE WITNESS: Yeah. I can't answer 23 that to say what the thickness is. 24 BY MR. DUMONT: 25 What would you need to look at to answer that?

2	the specification for this coating, and the components of
3	this coating to verify the thicknesses for it.
4	Q. On page 21 at the bottom it states, the final
5	bullet point, "Dent was a smooth 4 inch by 6 inch dent,
6	estimated to be less than 1 quarter inch (2 percent) deep
7	in center."
8	Did I read that correctly?
9	MR. McCLAIN: Where are we, Jim?
10	Sorry.
11	MR. DUMONT: The final bullet point
12	underneath the photograph of the Hitachi.
13	THE WITNESS: Yes. Yeah. I think you
14	read what was what's written there.
15	BY MR. DUMONT:
16	Q. So the dent was estimated to be a quarter of
17	an inch deep. Why wasn't it measured?
18	MR. McCLAIN: I guess I'm sorry.
19	Objection to the form of the question.
20	THE WITNESS: I I don't know by
21	reading that if it was measured or not.
22	BY MR. DUMONT:
23	Q. Okay. It says, "Less than" "estimated to
24	be less than a quarter inch (2 percent) deep in center."
25	I couldn't understand that. 2 percent of

A. I would have to look at the specification or

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what?

- A. I think -- it's a calculation that I'm trying to think of how to explain. Or how to -- I don't know if I can explain it correctly. I would have to look up the exact way it's done, and I can't picture it sitting here.
- Q. Okay. Well I appreciate your honesty. It's better for me to hear that you can't answer it than for you to speculate. So thank you.
 - A. You're welcome.
 - Q. If you go to page 23, 23 of 39.
 - A. Yes.
- Q. At the top of the page it says, "Results/summary location 6."
 - A. I see that.
- Q. The third line in the middle of it has a sentence that starts there, and the sentence states, "The dent appears to have been caused by the knob of ledge, which tapered off on each side of the indication under the pipe in this location."
 - A. Yup. I see that.
- Q. So tell me if my interpretation of this is correct. I interpret this as meaning that the dent did not occur during fabrication of the pipe. It did not occur during transportation of the pipe. It happened when the pipe was lowered on to the ledge. Is that your

interpretation?

MR. McCLAIN: Objection to the form of the question.

I don't believe it happened with the first two items you said; fabrication of the pipe and transportation of the pipe. But after that, I can't say exactly when the dent occurred. It doesn't say exactly when it occurred. Nor do I -- I don't know that either.

BY MR. DUMONT:

Q. It states, "The dent appears to have been caused by the knob of ledge." So that leaves us with only two possibilities, correct me if I am wrong. But either it was caused when the pipe was lowered on to ledge, or it happened because the pipe was resting on the ledge. Those are the two possibilities; correct?

A. Yes.

MR. McCLAIN: Objection -- objection to the form of the question.

BY MR. DUMONT:

Q. Q. And you were correct, it could be one or the other according to this sentence. So as the engineering manager for the ANGP, do you have any opinion as to -- as an engineering manager for Vermont Gas Systems -- do you have any opinion as to what caused the dent in

this case?

- A. Opinion of?
- O. Causation.
- A. I mean based on this information, in this report, the ledge -- I mean this report says that it was on the ledge. So I'm not -- that's the possible reason that it happened.
 - Q. Moving on to page 23 of 39.

"Recommendation/outstanding items. Location 6." And I will read the recommendations. "The records for this indication and excavation will be maintained for comparison with future ILIs. No further recommendations or outstanding items remain."

Did I read that correctly?

- A. You did.
- Q. Did anyone within Vermont Gas respond to this by recommending that the inspection process for the pipeline, the evaluated question looked into in any way, shape, or form?

 $$\operatorname{MR.}$ McCLAIN: Objection to the form of the question.

THE WITNESS: I don't know if anyone did anything in response to this with regards to inspection, with regards to the previous inspection.

BY MR. DUMONT:

Did this finding raise any red flags for you 1 2 personally? MR. McCLAIN: Objection to the form of 3 4 the question. 5 THE WITNESS: I do remember looking further into this. 6 7 BY MR. DUMONT: 8 What did you do? 9 From my recollection, I went back through the 10 -- I combed through all the data to see the date from these reports, to see if there were any similar -- similar 11 characteristics with any of the other indications, the 12 13 characteristics surrounding an indication, to see if another -- anything like this could have occurred 14 15 somewhere else based on all that data. Did you have assistance from anyone else doing 16 17 that? 18 Α. Yes. I believe the engineering team helped me with some of that data analysis. 19 When you say engineering team, what do you 20 21 mean? 22 The VGS engineering team. Α. 23 Did that include any licensed professional 24 engineers?

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The -- I don't know if -- the engineering

team's led by Adam Gero, and he is a PE. So it was his team that helped me out.

- Q. Who was the engineer -- go ahead.
- A. That's it. Sorry.
- Q. Who was the engineer of record for the pipeline when the pipe that's the subject of location number 6 was constructed?

MR. McCLAIN: Objection to form.

THE WITNESS: Can you ask that again?

MR. DUMONT: Yes.

BY MR. DUMONT:

- Q. Who was the engineer of record for the ANGP when the pipeline that's -- section that's in location 6 that we have been discussing was constructed?
 - A. I believe it was CHA.
- Q. Did you or anyone else at VGS bring this to CHA's attention? This meaning the pipe was laid directly on the knob of a ledge?
- A. I don't think I let them know, and I don't know if anybody else did.
- Q. Based on your knowledge of the ANGP, of the engineering and the contracting, did laying -- was the response -- was it Michels' responsibility to ensure that the pipeline was not laid on the knob of the ledge?

MR. McCLAIN: Objection to the form of

the question. 1

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THE WITNESS: Michels generally is expected to build the pipeline in accordance with the plans.

BY MR. DUMONT:

- Did anyone on behalf of VGS contact Michels about what's discussed under the title location 6?
 - I don't know.
- So who pays for all this repair work like bringing in the jackhammer and fixing location 6?
 - VGS conducted that work. Α.
 - Any idea how much it cost?
- I don't. Let me correct my answer. VGS would Α. have done the supervision. We could have gotten help by renting equipment or getting a contractor to help us. I don't know if it was all VGS personnel. But we were in charge of the -- we would have been in charge of the -doing the work down there, or VGS would have been in charge of doing the work.
- If you turn to PDF page -- I'm sorry. number 35 of 39.
 - I'm on page 35. Α. Yup.

MR. McCLAIN: Exhibit 39 or 38?

MR. DUMONT: It's 35 of 39. And it's

location number 11.

MR. McCLAIN: Of -- oh, okay. Sorry. 1 2 On Exhibit 45 though. 3 BY MR. DUMONT: 4 And you may need to look at another page to answer this. But what town is this location 11 in? 5 6 Looks like it's New Haven. 7 I'm interested in the statement underneath the 8

photograph. There is a photograph of someone in a Vermont Gas vest wearing a blue hat. And beneath that photograph is a bullet point. The bullet point states, "Found damp, medium-packed clay soil surrounding pipe trench. Pipe was encircled with fine grade gravel."

As I read this, there was damp, medium-packed clay soil around the pipe trench. That's what it means when it says surrounding the pipe trench. Is that how you read that?

Α. Yeah.

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- Then it says, "The pipe"?
- Α. Yes.
- It says, "The pipe was encircled with fine grade gravel."

Is that how you read this?

- Α. That's what it says. Written.
- Based on your understanding of the specifications that CHA provided to Vermont Gas, did those

104 specifications contemplate placing gravel around the gas 1 2 transmission pipe? 3 MR. McCLAIN: Objection to the form of 4 the question. 5 THE WITNESS: The specification would 6 -- didn't have -- didn't list gravel to be in contact 7 with the pipe. 8 BY MR. DUMONT: 9 Was it in contact with the pipe here? 10 I can't say from the way that's -- the way that sentence is written, doesn't quite make sense to me. 11 12 I'd have to ask the person writing it to see what they 13 meant. It seems backwards to me. But yeah, I didn't write that. So -- I'm not sure. 14 15 If you could turn now -- you have to Okay. 16 look at PDF pages -- PDF 50 of 64. Looking for your 17 comment on a transmission line exposure report that's on 18 PDF page 50 of 64. 19 Α. Yup. 20 Q. Are you there? 21 Α. On page -- sorry. We are on page -- PDF page

> Q. Yes.

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Α. Yup.

And at least on mine it says date 10/25/2018. Q.

1 Location 6. ID 211540.18. Is that where you are? 2 Yes. 3 Okay. And it says town is New Haven. And we 4 are back at location 6. This is the actual exposure 5 report for location 6; correct? 6 Yes. Looks like that way. 7 And if you look at the bottom, the employee 8 who completed it was Mr. Lawlis. 9 Α. Yes. 10 And he wrote in comments, and his comment looks like the fourth comment was, "Pipe, in rock shield, 11 12 was resting for approximately 6 inches on ledge." 13 Did I read that correctly? It's kind of small. I see 6. I don't know if 14 that -- yeah, it looks like inches. Yes. 15 16 On your screen you should be able to enlarge Q. 17 it. 18 Α. Yeah, I did. Sorry. I forgot I could do that. 19 A few lines down that it says -- sorry -- the 20 next line down says, "Backfilled because we did not have 21 22 appropriate tools to remove ledge." 23 Can you explain that to me? 24 Let's see, it looks like reading the next line

down they went back. So they probably made the hole safe

BY MR. DUMONT:

contacted.

for the evening and then came back the next day to re-excavate and remove that ledge that we talked about earlier.

Q. Two lines below that or next line below the line you looked at it states, "Used excavator-mounted hydraulic hammer, circular saw, and handheld pneumatic jackhammer to move ledge."

How was -- do you know what a circular saw would have been used for?

- A. I wasn't out there to see it. They do make rock saws to almost -- you can perforate the rock and then hammer it out. So I believe that's probably -- they did something like that there. It's not a circular saw that most people would think of that you would have in your shop to cut wood. It's a different piece of equipment.
- Q. Now is gas running through the pipeline during this process, during this repair?
 - A. Yes.
- Q. To your knowledge was the engineer of record contacted to obtain any advice or guidance about how to perform the repair?

MR. McCLAIN: Objection to form.

THE WITNESS: I don't know if they were

Certainly the notes from Mr. Lawlis don't say 1 2 that they were contacted. Did those notes say -- did 3 they? 4 MR. McCLAIN: Objection to form. 5 THE WITNESS: I'm just going to read 6 them. 7 BY MR. DUMONT: 8 Okay. Take your time. 9 In the notes on page -- PDF page 50, do Yeah. 10 not say they were contacted. 11 MR. DUMONT: Thank you. We have been 12 going about an hour and-a-half since lunch break. 13 Should we all take like a 5-minute break now? 14 Bathroom, food, whatever you want. 15 THE WITNESS: I could go longer, but I 16 could also use a break. 17 MR. DUMONT: Let's take a 5-minute 18 break. I'll put everybody on mute. At least speaking for myself, I would like a break. 19 20 THE WITNESS: Okay. 2:20? MR. DUMONT: Yeah. 2:20 sounds good. 21 22 (Recess was taken.) BY MR. DUMONT: 23 24 A few more questions about Exhibit 45. Q.

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MR. McCLAIN:

Is Rachel and -- is

Rachel still there or no? (Waving). MR. SHELTON: 3 MR. McCLAIN: There he is. Shelton. Okay. Thank you. Jim, whenever you're 5 ready. 6 BY MR. DUMONT: Mr. LeForce, I'm trying to visualize how the pipeline was laid on 6 inches of rock ledge in location 6. Can you explain to me whether this meant that 10 the pipeline was laid directly on a trench bottom, or does it mean that the contractor excavated on either side of 11 the pipe -- I'm sorry -- on either side of the rock ledge 12 13 so the trench bottom was lower than the rock ledge, and 14 they laid the pipe on to the ledge that was sticking up 15 above the rock bottom? Above the trench bottom? Or is 16 there some other explanation? Can you explain this to me? 17 MR. McCLAIN: Objection to the form of 18 the question. 19 THE WITNESS: Yeah. I can't -- I can't 20 say how exactly it was done in this area with this information. 22 BY MR. DUMONT:

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Was Exhibit 45 given to the Department of Public Service in March of 2019?

I can't say if it -- it was or was not given

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to them at that time.

Q. Was any report to the Department of Public Service or the Public Utility Commission made of the facts that are summarized under the caption heading "Location 6" in this report?

MR. McCLAIN: Objection to form.

THE WITNESS: Yeah. I can't say from

what I have here what was given and what wasn't.

BY MR. DUMONT:

Q. Would it be fair to summarize by stating that at this location the pipe, in fact, was laid on trench bottom?

MR. McCLAIN: Objection to form.

THE WITNESS: No. I mean I can't say

that that's the way it was done here.

BY MR. DUMONT:

Q. Certainly rock ledge was the bottom of the trench, was it not, in that location?

MR. McCLAIN: Objection to form.

THE WITNESS: No. I disagree. It talks about the piece of ledge, but the rest of the trench, I can't say exactly how it was installed in there, in that section.

BY MR. DUMONT:

Q. In the precise location where the pipeline was

resting on the ledge, the pipeline was laid directly on 1 2 trench bottom; correct? 3 MR. McCLAIN: Objection to form. 4 THE WITNESS: No. I can't say that. 5 Because I didn't see it, and all I know is what this 6 report -- reading from this report. 7 BY MR. DUMONT: 8 Ο. Is there any -- and I want to ask a carefully 9 worded question. Hopefully I'll get it right. I don't 10 want to know anything that the company's lawyers have told I don't want to know anything the company's lawyers 11 12 have said to you in writing or verbally. Put that to the 13 side. Other than that, have you received any 14 training while you have been at Vermont Gas on the 15 16 company's duty to report to the Department of Public 17 Service? 18 MR. McCLAIN: Objection to form. THE WITNESS: Can you just ask that 19 again, please? 20 MR. DUMONT: Yes. Ms. Sears, could you 21 22 read that back? 23 (The record was read as requested) 24 THE WITNESS: Yeah. I don't believe

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I've received any specific training on reporting.

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BY MR. DUMONT:

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Q. Does Vermont Gas have any written policies on when the company must report issues of problems, or possible violations of law, or possible violations of PUC orders to the Department of Public Service?

MR. McCLAIN: Objection to form.

THE WITNESS: There are some procedures and guidelines about reporting stuff to the state and the federal based on the federal guidelines.

BY MR. DUMONT:

- Q. What federal quidelines do you have in mind?
- A. I'm thinking Natural Gas Code part 192.
- Q. If you could go to Exhibit 50. Five-0.
 - A. Not page 50, new exhibit?
- Q. New exhibit.
- 16 A. Okay. Yes.
 - Q. Tell us what is Exhibit 50?
 - A. Exhibit 50 says it's a project plan procedure for in-line inspection dated June 15, 2018.
 - Q. Did you have any role in preparing Exhibit 50?
 - A. I don't know if I helped prepare it. But I definitely -- I definitely have reviewed or had looked at it before. But I don't think -- I didn't write it.
 - Q. You were mentioned on page number 4.
- 25 A. Yes.

There is a table there. I'm interested in 1 Q. 2 page number 2, "Introduction." 3 Why don't you just read to yourself that whole 4 paragraph. Then I'll ask you about it. 5 Α. Yes. I read it. It states, "Introduction. Consistent with the 6 7 information and recommendations presented in the CPG for 8 the installation of the 12-inch ANGP transmission line, 9 VGS intends to conduct an internal line inspection (ILI)." 10 Do you know -- any idea who wrote this? Yeah, I don't see an author on it. 11 12 Based on the nature of the document, the 13 subject of the document, whose province would this have fallen in -- within in June of 2018? 14 15 It would have been someone on the project team that's listed. 16 17 Where are they listed? Q. 18 It was the reference you made to page 4. Okay. So any of those people; St. Hilaire 19 Q. 20 Gero, Brown, Minor --21 Α. Yeah. 22 You, Kotecki, Mr. Murray? Q. 23 Α. Yes. 24 Mr. Attiq, A-T-T-I-G, or Ms. Parent? Q. 25

Α.

Yes.

1	Q. Okay. Do you remember reviewing this when it
2	was in draft form or just after it was finished?
3	A. I can't recall.
4	Q. I haven't seen language like I just read.
5	I'll read it again. "Consistent with the information and
6	recommendations presented in the CPG."
7	I didn't see that in any of the reports of
8	you, or that you and I have been discussing. This is
9	suggesting to me that somebody went back and read the CPG.
10	And I'm curious about that. If you can help me out.
11	Why did that happen in writing in this report?
12	Is there anything in particular about this report that you
13	know of that caused the author to go back and read the
14	CPG?
15	MR. McCLAIN: Objection to the form of
16	the question.
17	THE WITNESS: No. I don't know. I
18	don't have any information.
19	BY MR. DUMONT:
20	Q. Okay. Thank you. If you could turn to
21	Exhibit 44.
22	A. Yes. I have that.
23	Q. This appears to be an email from Mr. Gero to
24	Mr. Morris and Mr. McCauley. M-C-C-A-U-L-E-Y. With a
25	copy to Mr. St. Hilaire and to you dated June 24, 2016.

Take a second to read it. It's not very long. 1 2 I scanned it. 3 So of course it deals with the issue of 4 placing the pipeline directly on the bottom of the trench. 5 But I'm interested in the last sentence on the first page. It says, "Michels' electrical expert -- we have confirmed 6 7 Michels has an electrical expert on the project. Please 8 check in with Mike Reagan, and he can put you in contact 9 with the Michels' employee." 10 Do you recall that Mr. Morris asked if the contractor Michels had its own electrical expert? 11 12 I can't recall if he specifically asked that. 13 Do you know who the electrical expert was for Michels? 14 15 I cannot remember. Α. 16 In June of 2016 did Vermont Gas Systems have 17 an electrical engineer as its expert? 18 MR. McCLAIN: Can you repeat that question, Jim? 19 In June of 2016, did 20 MR. DUMONT: 21 Vermont Gas Systems have an electrical engineer as 22 its expert? 23 MR. McCLAIN: Objection to the form of 24 the question.

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THE WITNESS: Can you be more -- do you

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1 mean -- can you be more specific? 2 BY MR. DUMONT: 3 At any time that you have been working on the Ο. 4 ANGP, have you ever been informed that there was a licensed Professional Engineer licensed in Vermont who is 5 6 an electrical engineer who is working on the ANGP? 7 MR. McCLAIN: Objection to form. 8 THE WITNESS: Yeah, I don't know. 9 BY MR. DUMONT: 10 Similar question. At any time you have been working on the ANGP, have you ever been informed that VGS 11 has a mechanical engineer who is licensed in Vermont who 12 13 is working on the ANGP? I don't know. 14 Α. Next if you could turn to Exhibit 51. 15 16 I have 51 open. Α. 17 Can you take a second to look through it, and Q. 18 then I'm going to ask you just to describe generally what this is. 19 20 Α. Okay. What is this? 21 0. 22 The title of it is "An Erosion Prevention and Α.

I believe it's a -- it's a report on the --

What's the purpose of this document?

Sediment Control Specialist Inspection Report."

23

24

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Q.

those EPSC -- or erosion prevention and sediment control.

It's a report for the person that was inspecting those

types of -- that type of work.

Q. On this first page of the exhibit it has a distribution list, and it states, "Jenna Calvi, Vermont DEC; Chris LeForce, VGS; Kate Rich, VGS; Sharon Ferland, VGS; Joey Wilson, WCE; Josh Sky, S-K-Y, VHB; Nick Pfundheller, P-H-U-N-D-H-E-L-L-E-R, Michels; Carl Bubolz, B-U-B-O-L-Z, Michels."

Were you, in fact, on a distribution list for EPSC specialist inspection reports?

- A. I was at one point in the project. Yes.
- Q. When you received these reports, did you read them?
 - A. Generally I just scan them.
- Q. What was your role? What was your purpose in receiving and reading these reports?
- A. It was just -- it was to be aware that this work, that they were out there inspecting this work, and that reports were being made. I didn't have a specific role.
- Q. So I'm going to tell you, I and my clients have looked at many, many records in this case, including inspection reports. And we haven't seen a distribution list for inspection reports.

Are you aware of any distribution list for 1 2 inspection reports other than VHB, EPSC inspection 3 reports? 4 MR. McCLAIN: Objection to form. 5 THE WITNESS: No. I'm not aware of any 6 specific distribution lists. BY MR. DUMONT: 7 8 So if we go back to location 6, for example, 9 in New Haven that we spent some time on awhile ago, 10 whoever was inspecting lowering that pipe into the trench did not have you on a distribution list for the inspection 11 12 reports; correct? 13 MR. McCLAIN: Objection to form. THE WITNESS: No. I don't believe so. 14 15 BY MR. DUMONT: I'll start over. With regard to inspections 16 17 pertaining to location 6 that we were discussing in New 18 Haven, were you on a distribution list for inspection reports other than the EPSC reports prepared by VHB? 19 20 I can't recall being on a specific 21 distribution list. 22 If you could turn to PDF page, let's see here, 23 page 6 of this exhibit. We are still on 51?

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Yes. Okay. Photograph 4.

The caption

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Α.

Q.

states, "Photograph 4: Station 1649 plus 00; trenching 1 2 and lowering in the pipe through clayplains. Topsoil and 3 sub soil are segregated and placed on timber mats. Photograph taken looking north." 4 5 Have you ever been to this location? 6 I can't say I have been to that specific 7 station, but I have been to the north side of that area. 8 Q. Have you been to the clayplains swamp at any 9 time since September of 2016? I'll start over. Have you 10 been to the clayplains swamp in New Haven at any time since September 1 of 2016? 11 12 When you say the clayplains, you're talking Α. 13 about the area around this specific stationing; correct? 14 Ο. Yes. I don't believe I have been through that area; 15 16 only to the very north side of that area. 17 What was the purpose of your visit? Q. 18 Α. I don't know -- yeah, I don't know the specific reason that I would have been out there. 19 20 Did it pertain to the method used to bury the 21 pipe in the clayplains swamp? 22 MR. McCLAIN: Objection to form. 23 THE WITNESS: No. I don't think so. 24 BY MR. DUMONT:

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If you could turn to Exhibit 53.

25

Q.

Okay.

1	A. Yes.
2	Q. Can you tell us what this is?
3	A. 53 is a Corrective Preventive Action Request.
4	Q. What is a Corrective Preventive Action
5	Request?
6	A. Generally it was something that if something
7	came up for that someone saw, you could fill one of
8	these out about, and document what the item was and what
9	was the investigation or the on the paper or on the
10	report you could investigate it, and then document your
11	actions for that item.
12	Q. And it says in one column, "Date due 12/9/15."
13	And then there is sorry. "Date due investigation
14	12/9/15. Implementation 12/11/15." It says, "By/
15	assigned to Christopher LeForce for both investigation and
16	implementation."
17	Was it by you or assigned to you or both?
18	A. I don't think I yeah, I can't remember
19	looking at this.
20	Q. Okay. And then there is
21	A. Sorry. Go ahead.
22	Q. Are those your initials in blue ink to the
23	right?
24	A. Yes, I believe so.
25	Q. The initiator on the top left is K. Oxholm.

Who is she?

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- A. She was a -- she was employed by VGS. And she had a title, she was -- it was close to codes and compliance specialist or something similar to that.
- Q. "Description of issue," is just below your initials. Then there is about 6 lines of text. Who wrote those 6 lines?
 - A. I can't say.
 - Q. Did you write them?
 - A. I don't know.
- Q. There is a signature at the bottom of "Description of issue" from beneath that. Is that Mr. Stamatov's signature?

MR. McCLAIN: Objection to form.

THE WITNESS: I can't tell from this if

that's -- I can't tell whose signature that is.

17 BY MR. DUMONT:

Q. It's certainly not yours, is it?

MR. McCLAIN: Objection to form.

THE WITNESS: It does not look like my

signature.

BY MR. DUMONT:

Q. And then there is a section captioned "Investigation finding," which I will read. The list titled, "ANGP trench breaker as-built 2014 (segment one)

was reviewed and the locations plotted on a set of design 1 2 drawings. To field personnel (inspectors), it was 3 determined that some of the locations where trench 4 breakers were designed on paper were omitted because the field conditions warranted -- warranted them not to be 5 installed. On the other hand there were locations where 6 7 there were -- where there was no designed trench breaker, 8 but field conditions warranted one to be installed. 9 was no documentation of this process." 10 Did you write what I just read? MR. McCLAIN: Objection to form. 11 12 THE WITNESS: I can't recall if I wrote

that or not.

BY MR. DUMONT:

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Q. When you signed that the investigation was completed on 12/11/15, did that mean that the investigation I just read the finding of had been completed by you?

MR. McCLAIN: Objection to form.

THE WITNESS: I can't recall if that --

that's what my signature is or my initials.

BY MR. DUMONT:

Q. It says, "After talking to field personnel (inspectors) it was determined." Who talked to the field personnel?

1	A. I can't recall.
2	Q. If you had been a person talking to field
3	personnel, would you recall?
4	MR. McCLAIN: Objection to form.
5	THE WITNESS: I don't know if I would
6	recall with it being five years ago.
7	BY MR. DUMONT:
8	Q. The sentence that states, "There was no
9	documentation of this process."
LO	Was that the finding you reached on December
L1	11, 2015
L 2	MR. McCLAIN: Objection.
L 3	BY MR. DUMONT:
L 4	Q when you signed the form?
L 5	A. Can you re-ask that question, please?
L 6	Q. The sentence that states, "There was no
L 7	documentation of this process," was that a finding that
L 8	you reached when you signed this form on December 11,
L 9	2015?
20	A. I don't know if that was actually my finding
21	or not.
22	Q. If it wasn't your finding, whose would it have
23	been?
24	MR. McCLAIN: Objection to form.
25	THE WITNESS. It could have been Kristy

Oxholm.

BY MR. DUMONT:

Q. Next page says, "Recommendations for corrective/preventive action." It states, "VGS will investigate the areas where designed trench breaker was not installed. If field conditions show that one is not needed, then it will be documented as to the reason why not. If one is needed, then one will be scheduled to be installed. While this investigation takes place, VGS operations will control the transmission corridor on a monthly basis or after any significant rain to ensure no erosion occurs due to the lack of a trench breaker. If VGS operations finds erosion occurring, it will be remediated to ensure the safety of the pipeline."

Did I read that correctly?

- A. Yes. I believe so.
- Q. I didn't see any recommendation that henceforth there would be documentation of the process. Was there any change in Vermont Gas policy so that henceforth there would be documentation of the process?

MR. McCLAIN: Objection to the form.

THE WITNESS: Are you reading the

henceforth off this document?

BY MR. DUMONT:

Q. No. I read the investigation finding. There

was no documentation of this process. And then I read you 1 2 the recommendations. 3 And I'm asking you isn't it true that there 4 was no recommendation that going forward there would be 5 documentation of the process? 6 MR. McCLAIN: Objection to form. 7 THE WITNESS: I don't see any 8 documentation wording under recommendations. 9 BY MR. DUMONT: 10 I also did not notice a recommendation that said henceforth trench breakers will be installed as 11 12 plotted on the design drawings. 13 Why wasn't that one of the recommendations? 14 MR. McCLAIN: Objection to form. THE WITNESS: I don't know. 15 16 BY MR. DUMONT: 17 What was the process which these corrective Q. 18 action -- corrective preventive action requests went through? I see that you signed it twice on 12/11/15. 19 Were they reviewed by anybody other than the person who 20 21 signed them? 22 MR. McCLAIN: Objection to form. 23 THE WITNESS: I can't recall who else would have looked at these. 24

25

BY MR. DUMONT:

Did trench breakers -- I'm sorry. Let me 1 2 start over. After -- I'll start over. Sorry. 3 Description of the issues stated, "In areas 4 where pipe was installed by the 2014 contractor Over & 5 Under, trench breakers were not installed as designed in 6 numerous locations." 7 Did that problem continue when Michels was the 8 contractor? 9 MR. McCLAIN: Objection to form. 10 THE WITNESS: I don't know if that same problem continued. 11 BY MR. DUMONT: 12 13 Okay. Let me see if I can refresh your recollection a little bit. Michels started work in the 14 15 early summer, June of 2014; correct? 16 What was that date? Α. 17 June, July. Q. 18 Α. Of what year? 2014? 19 Q. 20 Α. No. 21 When did they start? Q. 22 I believe they started in 2015. Α. 23 Q. What we have just read says, "In areas where 24 pipe was installed by the 2014 contractor Over & Under,"

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do you see that?

		= 0
1	Α.	Yes.
2	Q.	Does that refresh your recollection?
3	Α.	No.
4	Q.	Okay. Let's see if this does. The CPG was
5	issued in De	ecember of 2013; correct?
6	Α.	I believe so. Yes.
7	Q.	Over & Under was the first mainline
8	contractor;	correct?
9	Α.	Yes.
10	Q.	Are you saying construction didn't start for a
11	year and-a-h	nalf?
12		MR. McCLAIN: Objection. I'm not sure
13	what th	ne confusion is. I'm having a hard time
14	follow	lng you, Jim.
15	BY MR. DUMON	NT:
16	Q.	I'll start over. The CPG was issued in
17	December of	2013; correct?
18	Α.	Yes.
19	Q.	And construction started early the next
20	summer; cori	rect?
21	Α.	Yes.
22	Q.	So that would have been June, July of 2014?
23	Α.	Yes.
24	Q.	And that was Over & Under, that was the
25	mainline cor	ntractor: is that correct?

1	A. Yes.
2	Q. Okay.
3	A. I'm sorry. I heard Michels in there.
4	MR. McCLAIN: I think you misspoke
5	earlier, Jim, and the question was and you slipped
6	Michels in instead. Maybe you meant to say Over &
7	Under.
8	MR. DUMONT: I apologize. At this
9	stage it's entirely possible. So I apologize.
10	BY MR. DUMONT:
11	Q. And so Over & Under started in June, July of
12	2014 and they lasted just a few months, maybe into
13	September, October; is that right?
14	MR. McCLAIN: Objection to form.
15	THE WITNESS: I know they worked that
16	first year. I don't know when they exactly left.
17	BY MR. DUMONT:
18	Q. At some point before the year was over, VGS
19	instructed them to cease working; correct?
20	A. At some point around that time they stopped
21	working.
22	Q. In 2014?
23	A. I don't know if it was exactly 2014 or '15.
24	Q. So what I'm curious about is the date of this
25	CPAR, Ms. Oxholm is November 18, 2015, and the due date

was December 9, 2015. And you signed it December 11, 1 2 2015. 3 What about the whole year of 2015 that had 4 passed since Over & Under had ceased being the mainline 5 contractor? Did you look at the practice of installing 6 trench breakers in 2015? 7 MR. McCLAIN: Objection to form. 8 THE WITNESS: I can't recall what we 9 looked at with the process. 10 MR. McCLAIN: Jim, I can't tell. 11 you talking? I can't hear you or --12 MR. DUMONT: No. I wasn't saying 13 anything. 14 MR. McCLAIN: Okay. Because there is a little delay on the video, and it's hard -- I 15 16 couldn't tell. 17 BY MR. DUMONT: 18 If you could turn to Exhibit 56. Sorry. Exhibit 56. Yes. Yes. 19 Α. 20 Can you tell us what this is? 21 It says it's a QA/QC -- QA/QC summary. Α. 22 And what does that mean in layperson's terms? Q. 23 QA/QC is quality assurance/quality control. 24 And it -- I believe this document was a summary of the

work that had previously had been done with relation to

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QA/QC.

- Q. Did you have any role in preparing this exhibit?
- A. There is material in there that -- I need to look at it first actually.
 - Q. Okay.
- A. Sorry. Yes, I had a role in parts of this.

 Part of the content.
 - Q. What was your role?
- A. I did some work, looking through it I did some work with relation to the welding program, that was the first thing I saw. And there might be more. I didn't go through all 163 pages.
- Q. Well let me ask you about PDF page 6.
 "Trenching and backfill."
 - A. 3 of 6?
 - Q. PDF page 6?
 - A. PDF 6. Okay.
- Q. It says, "Trenching and backfill." Tab 3.

 Are you there?
 - A. Yes.
 - Q. Okay. It states, "There was concern as to whether proper backfill was used in all areas or construction occurred in 2014. We are uncertain of specific locations where improper backfill may have been

1 The only areas we are certain were an issue are a 2 few locations that were noted during the lowering of pipe 3 to address depth of cover issues. In those cases, any 4 improper backfill was removed and replaced with proper 5 backfill as part of the lowering process." 6 And it continues from there. Were you at all 7 involved in ascertaining the specific locations where 8 improper backfill may have been used? 9 MR. McCLAIN: Objection to form. 10 THE WITNESS: I'm not sure if I quite 11 understand the -- what you're asking. BY MR. DUMONT: 12 13 Q.

Okay. Was any effort made by VGS to ascertain the specific locations where improper backfill may have been used?

MR. McCLAIN: Objection to form.

THE WITNESS: I don't know if that was done for this, this area, or how that was done. BY MR. DUMONT:

- Well this report was dated December 21, 2015; correct?
 - Yes. Α.

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So as of December 21, 2015 VGS was uncertain of specific locations where improper backfill may have been used in 2014. That's what it's saying, right?

1	A. Yes.
2	Q. So as of that date, do you know what effort
3	was made to answer that question?
4	MR. McCLAIN: Objection to form.
5	THE WITNESS: Yeah. As of that date, I
6	don't know.
7	BY MR. DUMONT:
8	Q. As of that date, all of the inspection reports
9	were available, were they not? Inspection reports for
10	lowering for constructing the pipeline in 2014. All of
11	those inspection reports were available. Correct?
12	A. I believe so.
13	Q. Did anybody read them to see if it answered
14	this question?
15	MR. McCLAIN: Objection.
16	THE WITNESS: I don't know.
17	BY MR. DUMONT:
18	Q. Did you ever read them to see if they answered
19	this question?
20	A. I did not for this question.
21	Q. Have you ever looked at the inspection reports
22	that were used in 2014?

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at -- I've definitely looked at inspection reports.

I can't say specifically if -- what years, but I've looked

I've looked at many of the inspection reports.

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Α.

And as you read the first sentence there was concern as to whether proper backfill was used in all areas for where construction occurred in 2014. What is your understanding about the difference between proper backfill and improper backfill? I assume proper backfill is referring to backfill in specifications. And what were the specifications in 2014? I don't know what the specific specification for backfill was in 2014. If you could turn to PDF page 7. Q. Α. Yes. Specific deviations (tab 5). "It was determined." I'm reading from it. "It was determined that not all trench breakers were installed as required. This is addressed by CAR 2015-006." I'm going to stop

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reading the paragraph here. CAR 2015-006 is the document we just finished discussing that you signed on December 11, 2015; correct?

- What exhibit was that again? Do you know?
- Sure. It was Exhibit 53. Q.
- That name matches that exhibit. Α. Yes.
- So it states, "This is addressed by CAR 2015-006." And you've told me that as you read that document, it did not propose any documentation in the

future of the process of deciding whether or not to depart 1 from the written standards; correct? 2 3 MR. McCLAIN: Objection to the form of 4 the question. 5 THE WITNESS: I would like to hear that 6 one again, please. 7 MR. DUMONT: Sure. Ms. Sears, could 8 you read that back? 9 (The record was read as requested) 10 THE WITNESS: I did not see that in that document. 11 12 BY MR. DUMONT: 13 And that document also does not in the future Q. 14 call for placing trench breakers in every location where 15 they are required by the standards, am I correct? 16 MR. McCLAIN: Objection to the form. 17 THE WITNESS: I do not see where that 18 document talks about the trench breakers in the future. 19 20 BY MR. DUMONT: 21 Thank you. The very next sentence of the 22 QA/QC report dated 12/21/15 states, "The corrective 23 actions for this continue are in progress and required trench breakers will be installed in the future (see CAR 24

for more specific information." I'm going to read that a

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1 second time because I want to make sure we got it right. 2 "The corrective actions for this continue are in progress 3 and required trench breakers will be installed in the 4 future (see CAR for more specific information). I think I 5 got it right that time. And you agree that the CAR itself does not --6 7 itself does not contain more specific information about --8 MR. McCLAIN: Objection. 9 MR. DUMONT: -- about requiring trench 10 breakers in the future. MR. McCLAIN: Objection to the form. 11 12 MR. DUMONT: Right? 13 MR. McCLAIN: Objection to the form. 14 THE WITNESS: I do not see that in the 15 recommendations. 16 MR. DUMONT: Thank you. 17 BY MR. DUMONT:

- Q. If you could turn to PDF page 8, "Trenching and backfilling."
 - A. Yes.

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Q. The third paragraph states, "It was determined that compaction requirements in typical cross-county areas needed further clarification. Directive 2015-006 was issued to document this clarification."

I did read that correctly, but I'll read it

135 It says cross county, not cross country. But I'll 1 2 read it again so we are all clear. "It was determined 3 that compaction requirements in typical cross-county areas needed further clarification. Directive 2015-006 was 4 issued to document this clarification." 5 6 So it refers to tab 8. So why don't we scroll 7 down to tab 8 which is way down at the back of the 8 document. Tab 8 starts at PDF 91. 9 Α. Yes.

- Q. And am I correct the tab is actually corrective action 2015-002, not 006?
 - A. That's the first one in that section.
- Q. Right. And you signed this under the line "Implementation" on December 18, 2015?
 - A. Are you talking about PDF page 92?
- 16 Q. Yes.

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- 17 A. Yes. That's my signature.
 - Q. Is there anything in the corrective action plan that addresses compaction?
 - A. No. But this is a different number.
 - Q. Okay. If you go down to PDF 102.
 - A. Yes.
- Q. There is something called "ARNGP Project Directive"?
- 25 A. Yes.

1	Q. And that's directive number 2015-006; correct?
2	A. Yes.
3	Q. What's the difference between a project
4	directive and corrective action plan?
5	A. I explained the corrective action earlier.
6	The directive, as I can recall, was a way to document a
7	decision or a some type of process so that we had a
8	record of it that could be distributed.
9	Q. Okay. If you could look at the bottom of it
10	it says, "Issued by Kristy Oxholm for Christopher
11	LeForce," and then Ms. Oxholm signed it; is that right?
12	A. Yes.
13	MR. McCLAIN: Are we on PDF 101 or
14	MR. DUMONT: 102.
15	MR. McCLAIN: 102.
16	BY MR. DUMONT:
17	Q. Did you, in fact, issue project directive
18	2015-006?
19	A. I can recall working on this one. Yes.
20	Q. In 2015 who was the engineer of record for the
21	ANGP?
22	A. I believe that was CHA.
23	MR. McCLAIN: Objection. Objection.
24	BY MR. DUMONT:
25	Q. Is there any individual that was the engineer

1	of record when you signed this, it looks like August 31 if
2	I'm reading correctly.
3	MR. McCLAIN: Objection to form.
4	BY MR. DUMONT:
5	Q. Was there an individual who was the engineer
6	of record when you signed this? Or I'm sorry. When
7	Kristy Oxholm signed this project directive?
8	MR. McCLAIN: Objection.
9	THE WITNESS: I don't know what the
10	individual
11	BY MR. DUMONT:
12	Q. Did you or Kristy Oxholm refer to the plans
13	that Mr. Heintz submitted to the PUC in 2013 when you were
14	preparing this?
15	A. I can't recall if I did.
16	Q. What changes let me back up a second. This
17	project directive does not have strikeovers and
18	underlining or anything of that sort to show what language
19	is being deleted and what language is new.
20	What was the so I have to ask you this.
21	What was the standard before you issued directive number
22	2015-006 that was being changed by this directive?
23	MR. McCLAIN: Objection to form.
24	THE WITNESS: I don't believe we were
25	changing anything here. It was more giving

clarification of what was meant by compacted in giving direction to that as I can recall.

So the clarification you're providing is in the second paragraph, the second paragraph states, "Compaction shall occur when there is at least 12 inches of sand padding and 12 inches of general backfill above the pipe and at a maximum of 24-inch lifts thereafter. Final compaction at grade can be completed using either an excavator bucket or the tracks of a piece of excavating

Is that what you mean as the clarification?

I think the clarification was about --

MR. McCLAIN: Objection to form.

I believe the -- I

believe the clarification or -- the explanation or clarification was that compacted by mechanical means and saying it could be done with an excavator bucket. As I can recall.

BY MR. DUMONT:

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- You looking for something? Need a break?
- I just spilled something, and I just Α. wiped it on my pants. No big deal.
 - What did you base this clarification on? Q.
 - I don't recall what I -- how we came to this

conclusion. Yeah. I don't remember.

- Q. Is there any record that you can refer to that would answer that question?
- A. Yeah, I don't know if there is a record of that, that process.
- Q. Let me read the first sentence again.

 "Compaction shall occur when there is at least 12 inches of sand padding and 12 inches of general backfill above the pipe and at a maximum of 24-inch lifts thereafter."

I have several questions for you about that.

Is the -- where it says at least 12 inches of sand padding and 12 inches of general backfill above the pipe, do you understand that to mean that there must be 12 inches of sand padding and 12 inches of backfill, and both sand and the general backfill have to be above the pipe, or do you mean that only the 12 inches of general backfill has to be above the pipe?

- A. I'm not sure if I understand your question.
- Q. Well since there is no comma after the word sand padding, under basic rules of English, the sentence means that there must be at least 12 inches of sand padding and also 12 inches of general backfill, and both the sand padding and the general backfill must be above the pipe. Was that your intent?

MR. McCLAIN: Objection to the form of

1 the question.

THE WITNESS: I believe my intent was both those 12-inch items are above the pipe.

BY MR. DUMONT:

m. Domoni.

- Q. Do you recall what you base that on?
- A. I do not.
- Q. Did you mean by this to state that there is no need for compaction unless there is at least 12 inches of sand padding and 12 inches of general backfill?

MR. McCLAIN: Objection.

THE WITNESS: Could you please reread that one? That question, please.

BY MR. DUMONT:

Q. I'll try and ask a longer question that may be more helpful. You could read the sentence's meaning first: Compaction shall occur all the time and you wait until there is at least 12 inches of sand padding, 12 inches of general backfill above the pipe. Or you could read it secondly as: Compaction occurs only when there is 12 inches of sand padding and 12 inches of general backfill, but if there is less than that, you don't have to do compaction.

And I want to be clear what your intention was.

MR. McCLAIN: I'm sorry. If there is a

question in there, I'll object to the form of the 1 2 question. 3 THE WITNESS: Yeah. I quess I'm still 4 not quite understanding what you're asking here. I 5 apologize. 6 BY MR. DUMONT: 7 Q. That's okay. 8 MR. DUMONT: Ms. Sears, could you read 9 that back? 10 (The record was read as requested) THE WITNESS: I -- I don't agree with 11 12 the saying that compaction wasn't required with less 13 of the -- less than the 12 inches as it was read to 14 So I think my intent is that -- is there another 15 question in there too besides that? 16 MR. DUMONT: No. You answered it. 17 Thank you. 18 THE WITNESS: Okay. BY MR. DUMONT: 19 20 If you go to the next PDF page, which is 103. 21 Α. Yes. 22 This too is dated 8/31/15, signature by Kristy Q. 23 Oxholm. It says, "Issued by Kristy Oxholm for Christopher Subject, general backfill materials." 24 LeForce. 25 Take a second to read that.

A. Yes.

- Q. Do you recall preparing this?
- A. I do remember working on it.
- Q. It's pretty short, so I'll read it.

"Directive number 2015-007. In 2.1 (B) -- materials of section 312.333 -- trenching, pipe laying, and backfilling of the technical specifications, it states:

Native materials containing no stones or clods larger than three inches in the longest dimension are acceptable for general backfill. This directive will serve as notice that native materials containing no stones or clods larger than 6 inches in the longest dimension are acceptable for general backfill."

Next paragraph. "The VGS operations and maintenance manual in the trenching and backfilling procedure allows for this change to the specification, and now the two documents will be consistent."

Tell me why this was issued.

A. As I can recall, the -- our operations and maintenance manual and the specifications were inconsistent, didn't match in this item, so we -- we issued this so that they were both consistent, because they were conflicting.

There is some background noise I'm hearing. I don't know if anyone else is.

MR. McCLAIN: I think Rachel's volume 1 was on for a second. 2 3 THE WITNESS: Okay. I hope you heard 4 all my -- what I said. BY MR. DUMONT: 5 6 I did. I did. Thank you. When you were 7 preparing to directive number 2015-007, did you refer back 8 to and read the plans and specifications submitted to the 9 Public Utility Commission by Mr. Heintz in 2013 that 10 addressed the same subject matter? 11 I can't recall. 12 MR. McCLAIN: Objection to the form of 13 the question. THE WITNESS: I can't recall if we --14 15 if I went back or someone went back to those specific from Heintz that were submitted. 16 17 BY MR. DUMONT: 18 Did you consult with any licensed Professional Engineer in preparing 2015-007? 19 20 I can recall talking to CHA about this. And who did you talk to at CHA? 21 22 I can't say for certain. But I stated earlier Α. 23 today my main contacts were Brendan Kearns and Tyler 24 Billingsley. So it could have been one of those, those 25 two.

1	Q. As you patiently sit here answering my tedious
2	questions, do you know of any reason why stones or clods
3	should be no larger than 3 inches in the longest dimension
4	rather than 6 inches?
5	MR. McCLAIN: Objection to the form of
6	the question.
7	THE WITNESS: I don't know any specific
8	reason.
9	BY MR. DUMONT:
10	Q. Did you make any effort to find out why
11	section 312.333 originally limited the length of longest
12	dimension to 3 inches?
13	MR. McCLAIN: Objection to form.
13	MR. McCLAIN: Objection to form. THE WITNESS: All from what I can
	_
14	THE WITNESS: All from what I can
14 15	THE WITNESS: All from what I can recall, we discussed this. And that's all I don't
141516	THE WITNESS: All from what I can recall, we discussed this. And that's all I don't know the specifics.
14 15 16 17	THE WITNESS: All from what I can recall, we discussed this. And that's all I don't know the specifics. BY MR. DUMONT:
14 15 16 17	THE WITNESS: All from what I can recall, we discussed this. And that's all I don't know the specifics. BY MR. DUMONT: Q. What I'm trying to get at is, you changed
14 15 16 17 18	THE WITNESS: All from what I can recall, we discussed this. And that's all I don't know the specifics. BY MR. DUMONT: Q. What I'm trying to get at is, you changed something that was in the specs, and I'm trying to find
14 15 16 17 18 19	THE WITNESS: All from what I can recall, we discussed this. And that's all I don't know the specifics. BY MR. DUMONT: Q. What I'm trying to get at is, you changed something that was in the specs, and I'm trying to find out if you understood why the 3-inch limitation was
14 15 16 17 18 19 20 21	THE WITNESS: All from what I can recall, we discussed this. And that's all I don't know the specifics. BY MR. DUMONT: Q. What I'm trying to get at is, you changed something that was in the specs, and I'm trying to find out if you understood why the 3-inch limitation was originally in the specs.

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question again?

1 MR. DUMONT: Sure. Excuse me one 2 second. 3 THE WITNESS: Yes. 4 BY MR. DUMONT: 5 When you prepared the directive number 6 2015-007, did you make any effort to determine why section 312.333 limited to 3 inches the longest dimension of 7 8 stones or clods? 9 MR. McCLAIN: Objection to form. 10 THE WITNESS: No, I can't recall that we -- that was a discussion point. 11 12 BY MR. DUMONT: 13 Whether or not it was a discussion point, did 14 you make any effort to find out? 15 MR. McCLAIN: Objection to form. THE WITNESS: Yeah. I can't recall if 16 17 an effort was made to find out or not. No. 18 BY MR. DUMONT: 19 Next if you could turn to PDF page 107 of the 20 same exhibit. 21 Α. Yes. 22 This has to do with -- this says EN 23 Engineering, but I believe it's ENE Engineering. This 24 refers to a report. Do you see that?

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Α.

Yes.

1	Q. Were you involved in that in this issue
2	with ENE or EN Engineering?
3	A. Yes.
4	Q. If you can scroll down two more pages, and the
5	report is there dated 8/9/15.
6	A. 8/19?
7	Q. Yes. 8/19/15.
8	A. Yes.
9	Q. And it's page PDF page 108?
10	A. Yes.
11	Q. This was written to you by Kristi,
12	K-R-I-S-T-I, Sparbanie. S-P-A-R-B-A-N-I-E.
13	A. Yes.
14	Q. It says that Vermont Gas Systems retained EN
15	Engineering otherwise known as ENE to conduct a coating
16	integrity analysis at a certain location.
17	In the second page the second to the last
18	paragraph under the heading, "Analysis," that paragraph
19	begins, "Based on the testing."
20	I would this one I would like you to read
21	out loud into the record.
22	A. "Based on the testing, it appears this section
23	of pipe is acceptable. However, the pipe that was greater
24	than 20 feet deep, and at that depth, the surveys

performed are not as reliable. It is possible that

additional indications exist on this section of pipe, but because of the depth they are not being picked up with the limitations of this equipment. In addition, the surveys performed do not determine if physical damage or wall loss is present in the pipeline steel wall."

Q. Thank you. Was that new information for you, that the surveys performed were not as reliable at depths greater than 20 feet and -- at depths greater than 20 feet?

MR. McCLAIN: I'm sorry. Can you repeat the question, Jim?

BY MR. DUMONT:

Q. Sure. Was this news to you -- was this the first you learned that at pipe depths greater than 20 feet the surveys performed are not as reliable?

MR. McCLAIN: Objection to the form.

THE WITNESS: I can't recall if that's

the first time I knew that or not.

BY MR. DUMONT:

Q. In the next sentence I want to ask you about the word indications. The next sentence states, "It is possible that additional indications exist on this section of the pipe. But because of the depth -- because of the depth, they are not being picked up with the limitations of the equipment."

What is an indication?

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- A. Typically in a survey an indication is an abnormality in the data from whatever survey is being performed.
- Q. If we go back up to PDF page 107. I think we should turn to 105 for completeness sake. It's another CAR, CAR number 2015-008.

Do you see that?

- A. I do.
- Q. And you signed it on -- twice on December 11, 2015?
 - A. Yes.
- Q. Did you also write what's found on PDF page 107 "Action taken/verification"?
 - A. I can't recall if I exactly wrote that.
- Q. By signing the CAR on 12/11/15 did you approve what's on page -- PDF page 107?

MR. McCLAIN: Objection to form.

THE WITNESS: I'm just looking at it or

reading it. Could you ask that question again

please?

22 BY MR. DUMONT:

Q. Yes. Did you approve of the action taken/verification part of the CAR that's found on PDF page 107?

1	A. Yes. I was part yes. I was part of I
2	know there are I can recall other people being involved
3	at Vermont Gas. But I signed it. That is correct.
4	Q. Who else was involved?
5	A. I don't know if I recall specific people.
6	Q. Let's read through it line by line. First
7	sentence says, "VGS hired EN Engineering to conduct the
8	indirect inspection of the pipe."
9	You agree with that, don't you?
10	A. Yes.
11	MR. McCLAIN: Objection to form.
12	BY MR. DUMONT:
13	Q. Second sentence. "EN Engineering provides,
14	quote, comprehensive and dependable engineering,
15	consulting, and automation services to pipeline companies,
16	utilities, and industrial consumers."
17	To your knowledge that's correct; isn't it?
18	A. That's what it says. Yes.
19	Q. Next sentence. "EN Engineering reviewed and
20	revised EN Engineering reviewed and revised VGS's
21	direct assessment procedure and was hired in 2015 to
22	conduct a direct assessment on multiple sections of pipe
23	in VGS's transmission system."
24	That's all correct; isn't it?

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MR. McCLAIN: Objection.

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1 THE WITNESS: That's what it reads, 2 yes. 3 BY MR. DUMONT: 4 And in fact, it was true? Q. 5 MR. McCLAIN: Objection to form. 6 THE WITNESS: I don't have the records 7 to say it was 2015. But that's what you read is what 8 it reads on this paper. And EN Engineering has 9 worked for Vermont Gas in the past. 10 BY MR. DUMONT: Next sentence, in the next paragraph --11 12 MR. McCLAIN: Jim, it's still not --13 the sound's still not right. 14 MR. DUMONT: Can you hear me now? 15 MR. McCLAIN: Yeah. 16 MR. DUMONT: How about now? Good? 17 MR. McCLAIN: Yes. 18 BY MR. DUMONT: The next paragraph states, "EN performed a 19 close interval survey (CIS), and an alternating current 20 21 voltage gradient (ACVG) survey, and a direct voltage --22 direct current voltage gradient (DCVG) survey on the 23 section of pipe installed by HDD." 24 To your knowledge; is that correct?

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I believe that's correct.

Yes.

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Q. And next sentence states, "The ACVG survey found one minor coating defect on the upstream side of the pipe, but the DCVG survey found no indications."

Is that accurate?

- A. Yes. That's what it says. Yes.
- Q. And to your knowledge that's all correct?
- A. Just going to go look at the report.
- Q. Sure.
- A. That matches up with EN's report.
- Q. The next sentence states, "EN concluded that it appears," quote, that this segment of pipe could be adequately cathodically protected. As long as coating damage does not exist anywhere else along the pipe, it would raise the necessary cathodic protection, unquote. And then quote, "Based on the testing, it appears this section of pipe is acceptable."

In fact, is that what EN concluded?

MR. McCLAIN: Object to the form.

THE WITNESS: That is basically a

summary of what EN concludes in their report.

BY MR. DUMONT:

Q. The next sentence states "They do indicate that the survey is most effective at depths of less than 20 feet."

Is that, in fact, EN concluded?

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- A. Yes. That's in their report.
- Q. But it leaves out important information, doesn't it? Let me see if you agree.

If you turn to the EN report under analysis, it states, "Analysis of the CIS survey data, ACVG and DCVG indicate only one minor coating defect."

Do you see that?

- A. Are you talking on page 109?
- O. Yes.

- A. Yes. Yes. I see that.
- Q. And then in a paragraph that you read out you loud before says, "Based on the testing, it appears this section of pipe is acceptable."

New sentence, "However, the pipe depth was greater than 20 feet deep, and at that depth the surveys performed are not as reliable. It is possible that additional indications exist on this section of pipe. But because of the depth they are not being picked up with the limitations of the equipment."

I don't see in the quality assurance report that we have been reading in the corrective action plan any reference, any indication to the reader that the three surveys CIS, ACVG and DCVG may be missing indications at a depth greater than 20 feet.

So my question to you is, is this sentence in

the CAR incomplete or misleading because it does not mention that ENE found that at depths greater than 20 feet there may be indications that the surveys are not detecting? MR. McCLAIN: Objection to the form of the question. THE WITNESS: So what -- I'm not sure if I -- what are you asking? BY MR. DUMONT:

- Q. Whether the sentence that you either wrote or approved of that states, "They do indicate that the survey is most effective at depths of less than 20 feet." That sentence is leaving out the other caveat or concern that ENE stated that at depths greater than 20 feet there may be indications that are being missed despite all three surveys.
- A. I don't believe it's misleading because the next sentence it says, "Majority of this section of pipe is greater than 20 feet."

So I don't believe that what's written here is trying to be misleading.

BY MR. DUMONT:

Q. Let's read the entire next sentence out loud.

MR. McCLAIN: He's already read this,

hasn't he?

1 THE WITNESS: No. 2 MR. McCLAIN: Okay. You've read it. 3 mean -- go ahead. Sorry. 4 THE WITNESS: The sentence that starts 5 with "although"? 6 BY MR. DUMONT: 7 Q. Yes. 8 "Although a majority of this section of pipe 9 is greater than 20 feet, there is an approximately 100-10 foot portion of the pipe that was pulled through the entire hole on the lead end at a depth of 20 feet or 11 less." 12 13 Read the next sentence after that. "The survey did not find any coating defects 14 on this portion of pipe. A copy of report is attached." 15 16 All right. So, in fact, the section of the 17 pipe that ENE tested was 20 feet or less, and ENE is 18 warning the reader that at depths greater than 20 feet indications will be missed or may be missed by the three 19 kinds of surveys they did; correct? 20 21 MR. McCLAIN: Objection to the form of 22 the question. THE WITNESS: Yeah. I don't -- I 23 24 either need that repeated or rephrased, please.

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BY MR. DUMONT:

Q. So where in the CAR do you find the warning that at depths of 20 feet -- at depths greater than 20 feet the surveys may not pick up indications? Where is

MR. McCLAIN: Objection to the form of the question.

THE WITNESS: I mean I think it's in that CAR because I referenced the report, or in this report -- I guess I don't know if I wrote that exact last sentence of the -- of page 107, but "a copy of the report is attached." So that sentence is technically in my mind, part of the -- this CAR.

- Q. Over the 41-mile length of the ANGP, approximately how much of it uses HDD?
- A. I can't say off the top of my head. The footage.
- Q. You testified as a witness in the Docket Number 8643; correct?
- A. I believe so. Yes. I don't know the exact Docket Number. But I definitely worked on the -- I was part of the Geprags Park project.
- Q. Right. And it's an exhibit we have already used today?
- A. Yes.

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1	Q.	Exhibit 41.
2	Α.	Okay.
3	Q.	In the Geprags Park in Geprags Park most of
4	the HDD was	at a depth greater than 20 feet, was it not?
5	Α.	What number exhibit was that again?
6	Q.	41.
7	Α.	41. Can you repeat that question, please.
8	Q.	I'll ask a broader question. What depth is
9	the pipeline	e underneath the Geprags Park approximately?
LO	Α.	I can't remember that the data on the
L1	depths thro	ughout the park.
L2	Q.	Is it greater than 20 feet, do you know?
L 3	Α.	I'd have to go to records to tell you that or
L 4	not. I can	t say with a hundred percent certainty how
L 5	much is the	depths. I'd have to see the data.
L 6	Q.	So in general, what steps has Vermont Gas
L 7	taken to en:	sure the integrity of the pipeline where HDD
L 8	exceeds 20 :	feet in depth?
L 9		MR. McCLAIN: Objection to the form.
20		THE WITNESS: Can you repeat that,
21	please	?
22		MR. DUMONT: Yes. Ms. Sears, if you
23	can rea	ad that one back.
24		(The record was read as requested)
2.5		THE WITNESS: In general, we conducted

1	multiple pressure tests of the HDDs, and we also ran								
2	multiple in-line inspections of those, of the								
3	pipeline which would include those HDDs.								
4	BY MR. DUMONT:								
5	Q. What does a CIS, an ACVG or a DCVG detect that								
6	cannot be detected by other means?								
7	A. I can tell you what those surveys are.								
8	MR. McCLAIN: Objection. Sorry.								
9	Objection to the form of the question. Go ahead.								
10	THE WITNESS: The CIS is a test of								
11	pipeline's cathodic protection system whereas a DCVG								
12	or an ACVG tests can indicate coating holidays.								
13	BY MR. DUMONT:								
14	Q. And the test that you mentioned, did they								
15	provide the same data?								
16	A. Those tests, the tests I listed, the general								
17	tests								
18	Q. Yes.								
19	A I listed, no, they don't measure coating.								
20	Q. I'm finding the right page.								
21	A. Can we take a three-minute bathroom break?								
22	MR. DUMONT: Yeah. Why don't we make								
23	it more like five or six minutes.								
24	THE WITNESS: Okay. I appreciate it.								
25	MR. DUMONT: It is 4:03. Let's start								

MR. DUMONT: It is 4:03. Let's start

at 4:15 so we are not rushed. MR. McCLAIN: Yeah. So Jim, are we going to be able to -- I'm happy to take a longer break, but I'm also hoping that we can wrap up by 5. MR. DUMONT: I'm hoping too. MR. McCLAIN: So a longer break won't stress it? MR. DUMONT: Well we will make it 4:10. MR. McCLAIN: Okay. Thanks. I appreciate it. THE WITNESS: (Recess was taken.) BY MR. DUMONT: Mr. LeForce, you're familiar with Mr. Hareth, H-A-R-E-T-H? Yes. Α. And in some of the communications that you participated in with the department, you referred to his letter which you stated that -- stating that a plan is for a typical trench doesn't mean it has to be used in every trench. Do you remember that? Are you referring to something specific that I wrote?

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Q. Do you remember Mr. Hareth's report making that point and your report referencing his report just in general? I'm not going to tie down to language.

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characterize it as clean sand.

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BY MR. DUMONT:

MR. McCLAIN: Objection to form.

MR. DUMONT: It was a long question. I

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not exceeding six inches?

can ask it over again if you want.

THE WITNESS: Yes. I would appreciate that.

BY MR. DUMONT:

Q. So I'm excluding wetlands and prime agricultural soils from this question. With those exclusions, was it typical for the ANGP, all 41 miles, for backfill to be compacted in layers not exceeding six inches in compacted thickness?

MR. McCLAIN: Objection to form.

THE WITNESS: I don't know if that --

you could say that was typical. I don't know. BY MR. DUMONT:

Q. Thank you. For the entire ANGP, again excluding wetlands areas and excluding prime agricultural areas, was it typical for the contractor to provide testing to Vermont Gas Systems to ensure that the in-place density of the backfill meets requirements?

MR. McCLAIN: Objection to form.

THE WITNESS: I don't believe that was

typical.

BY MR. DUMONT:

Q. Thank you. When I deposed Mr. St. Hilaire, he indicated that you had informed him of some emails or newsletters of some kind that Mr. Byrd was sending to

Vermont Gas Systems. Do you know about that? Yeah, I do. Yes, I do. Α. the emails, please?

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- Tell me what you know about that.
- That -- can you repeat how you characterized
- It was along the lines of an email newsletter. It wasn't a personalized email. But some kind of unpersonal email that was sent to people at Vermont Gas Systems by Mr. Byrd or his company about gas pipelines?
 - I remember emails of that nature.
 - Can you describe those for us in some detail?
- Like many associations and vendors, I get a multiple -- a multitude of emails about industry news, and I know I've received some from RCP that announce various industry news about regulations and information like that. It's like some type of newsletter form.
- When did you discover that Mr. Byrd was -- had Q. been sending these to Vermont Gas?
- I believe I had realized that they were from Α. Mr. Byrd's company, it was sometime after that he was the investigator or hired as the investigator or after I had first met him.
- What did you do when you made that realization? Did you do anything with that information?
 - I mean I think I had mentioned it.

had made that connection, and I don't know who I told. I believe, as John St. Hilaire said, I must have told him, but that was it. That's all I remember. I don't know who else I told.

- Q. Were you present during any meetings with Mr. Byrd that occurred by Skype?
- A. I was -- I don't know if it was by Skype, but I recall being part of meetings with Mr. Byrd through some type of conference call.
 - Q. Can you tell me roughly -- I mean --
 - A. Oh, there was a break up.

- Q. Sorry. I asked you to tell me, if you can, when -- roughly when that meeting was?
- A. I mean there were multiple times that I can remember. I believe there was one or two before he came for two site visits to Vermont, and I think we had a couple, one or two, I don't know, meetings or conference calls on planning for those site visits or talking about those site visits.

And then he interviewed me through a conference call towards the -- after the site visit -- both site visits were completed.

- Q. When you were on conference calls with Mr. Byrd, what was the subject matter?
 - A. I think the ones before the site visits, as I

2	trying to make them just trying to plan them out. And
3	then when he interviewed me, he just asked a bunch of
4	questions that I gave answers to similar, you know, to
5	this.
6	Q. Do you recall meeting at my office with me,
7	Mr. Byrd, Dr. Smolker, Mr. Shelton, Attorney Bouffard and
8	Mr. St. Hilaire?
9	A. Yeah. I remember having one meeting in your
10	upstairs office where you hold, I think, concerts. Yes.
11	Q. Yes. Before that meeting, did you participate
12	in any conference call with Mr. Byrd? Or Skype?
13	A. No, I don't believe so. I'm pretty sure that
14	was the first time I had met Mr. Byrd.
15	Q. All right. Well it's 4:27 and I'm done.
16	Others may have questions for you. I want to thank you
17	for your patience and your courtesy and your attempt to
18	really listen carefully to my questions. I appreciate it.
19	A. Thank you.
20	MR. McCLAIN: Eric, do you want to ask
21	any questions or need clarification on anything?
22	MR. GUZMAN: No. I don't think so.
23	MR. McCLAIN: I don't have any
24	follow-up questions for Chris either.
25	MR. DUMONT: All right. Now we can all

said, were to talk about those site visits logistics, and

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1	go home, and go home from our offices.
2	THE WITNESS: A few feet.
3	MR. McCLAIN: Thank you.
4	MR. DUMONT: Thank you everyone for
5	coordinating this, and socially isolate.
6	THE WITNESS: Yes, I encourage that
7	too. Please help everybody out.
8	MR. DUMONT: Stay healthy. Thank you.
9	(Whereupon, the proceeding was
10	adjourned at 4:27 p.m.)
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	166
1	SIGNATURE
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3	This deposition has been read by me and the
4	answers contained therein are true and accurate.
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9	Chris LeForce
10	
11	Subscribed and sworn to before me this
12	day of, 2020.
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14	Notary Public
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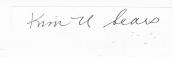
<u>C E R T I F I C A T E</u>

I, Kim U. Sears, do hereby certify that I reported by stenographic means the deposition of Chris LeForce, held by Zoom, on March 27, 2020, beginning at 10 a.m.

I further certify that the foregoing testimony was taken by me stenographically and thereafter reduced to typewriting, and the foregoing 166 pages are a transcript of the stenographic notes taken by me of the evidence and the proceedings, to the best of my ability.

I further certify that I am not related to any of the parties thereto or their counsel, and I am in no way interested in the outcome of said cause.

Dated at Williston, Vermont, this 1st day of April, 2020.



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	ERRATA SHEET
To:	Chris LeForce
Re:	Docket No. 17-3550-INV
Date of Depo:	3/27/2020
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