PECEIVED: U.S. E.P.A.

ENVIRONMENTAL PROTECTION APPEALS BOARD UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C.

ENVIR APPEALS BOARD

-

In the Matter of:

EUCLID OF VIRGINIA, INC.: RCRA (3008) App. 06-05

Docket RCRA-3-2002-0303 :

----X

1201 Constitution Avenue, NW Washington, D.C.

Tuesday, September 18, 2007

The above-entitled matter came on for oral argument at approximately 10:35 a.m.

BEFORE:

THE HONORABLE KATHY A. STEIN

THE HONORABLE ANNA L. WOLGAST

THE HONORABLE EDWARD E. REICH

in the case? I don't even remember that really being a significant issue in the case. 3 As I remember the case, the whole focus was 4 on overfiling, and I don't think whether the notice was writing or not had any materiality 6 whatsoever.

1 2

5

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

9

10

11

12

13

14

15

16

17

18

19

MR. DeCARO: Well, it was about overfiling, and I think it does have materiality.

JUDGE REICH: It has materiality to notice but not as to the form of notice.

MR. DeCARO: Not as to the form of notice, and we are not contending that a written notice is required based on subsequent developments in the law of which 15 I'm sure you are well aware.

JUDGE STEIN: So it's your position that oral notice is sufficient?

MR. DeCARO: Well, it appears from the case law that oral notice is sufficient, provided that some evidence of that oral notice is provided to the tribunal.

suggest that that discussion was taking place before EPA initiated the action?

3 MR. DeCARO: No, I think an equally 4 valid inference can be drawn from that sort 5 of language that the lead in the 6 investigation of the situation, which it was 7 an extensive investigation, as I'm sure you 8 are aware, and there was no indication that 9 EPA was taking the lead on any kind of 10 enforcement action in the record. I mean, it 11 just isn't there. I mean, if you read the

actual transcript excerpts. I'm sorry.

JUDGE WOLGAST: Well, in your view could you describe for us what actual notice you think is required?

MR. DeCARO: Yes. I think it would have been sufficient if one of each of the jurisdictions -- had one of the officials from each of the jurisdictions, including even the investigators or anyone who is in any kind of official capacity, had simply gotten up and testified that they had

7

6

1

12

13

14

16

17

18

19

20

21

22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

JUDGE REICH: And do you think that 2 the testimony below of each representative of 3 each of the three state jurisdictions 4 involved that talked about the 5 interrelationship and EPA taking lead 6 responsibility for the case, you don't think 7 that provides evidence that they must have 8 been on notice that this was going on?

MR. DeCARO: Well, there you have it, Your Honor. You say "Must have been on notice." The notice as required is a notice of the commencement of this enforcement proceeding.

I don't think you can draw an inference that is evidentially sufficient. If you take a look at the case of Holstrom, the Supreme Court case, it says "Citizen suit must be dismissed for lack of jurisdiction for lack of notice."

20 JUDGE REICH: If the record showed 21 that the discussion was initially in terms of who will take the lead, then would that not

received notice that the Complainant was going to be commencing this enforcement action. And that just simply isn't in the record.

JUDGE REICH: Let me ask, I mean by way of illustration, the testimony of Mr. Berko I believe from D.C. in answer to a question, he said:

"It was our understanding that EPA was going to take the lead role in enforcement action, so basically we issued the directive and then we adjust to see what EPA was going to do."

MR. DeCARO: That is EPA is going to take the lead in enforcement action.

JUDGE REICH: In enforcement action.

MR. DeCARO: But if Mr. Berko had said, "And EPA informed me that they're going to be filing an administrative complaint in regard to that enforcement action," then we wouldn't be arguing this issue as far as D.C.

3 (Pages 6 to 9)

goes. But Mr. Berko didn't say anything like that, notice of an actual commencement of any kind of particular form of enforcement.

ì

JUDGE STEIN: Where in the statute do you find the specificity for the kind of notice that you are urging us to require of the Agency? I mean, I don't see anything as to the form or the content of the notice. I see rather straightforward language that seems to me silent as to what that notice might look like.

MR. DeCARO: That's true. It says: "The Administrator shall give notice to the state in which the violation has occurred prior to issuing an order to commencing a civil action under this section."

Now, the notice, the record is simply not clear whether the notice was given, that's my point. In other words, nobody testified we got the notice. And the reason I'm --

JUDGE STEIN: Well, why is it that

requirement?

MR. DeCARO: Well, if you take a look at the -- I'm sorry, the Brenntag case, Judge Charneski said that it provides a state which has enacted its own hazardous waste program an opportunity to participate in the enforcement action to the extent that it deems necessary.

This is not an overfiling case.
But if someone is an overfiling situation or if the state has taken the position that is consistent with the position the EPA is taking, which we pointed out in a number of those instances, the state can have some kind of input into the enforcement action.

If the state has an approved, I guess, underground tank regulation system, which all these jurisdictions did by the time the complaint was filed, then under federalism they are given the opportunity and they are given the express opportunity under the statute to have this notice and have

natiaa

your client is the one that gets the notice as opposed to the affected states? I mean, I don't see this as akin to some of the statutes where notice is given to both the violator and the state. Here, I see that notice is given to the state.

MR. DeCARO: Right. Notice is to be given to the state. And under the Supreme Court case that I just cited --

JUDGE STEIN: A citizen suit case.
 MR. DeCARO: Right, a citizen suit

MR. DeCARO: Right, a citizen suit case which said that the similar notice language -- in fact the identical

14 language -- is a jurisdictional prerequisite.

JUDGE WOLGAST: I didn't think the language was identical.

MR. DeCARO: I thought it was. But I mean, I would ask the Panel to look into that. I can dig the case out of my materials.

JUDGE WOLGAST: In your view, what 21 is the purpose of the statutory notice 22

whatever input they may desire to have.

JUDGE REICH: In terms of the notice, the actual wording in 906(a)(2) says. "The Administrator shall give notice to the state in which such violation has occurred prior to issuing an order or commencing a civil action.

To me, that language speaks to a point in time; that is, no later than the point at which you do those things. It doesn't explicitly say that they have to give notice of an intention to issue an order or initiate a civil action. It just says prior to the time that they take any of those actions, it shall have been given notice.

Are you suggesting that if they give notice, but the notice doesn't explicitly say "Not only are we planning to take action, but we are going to issue this particular order," that they have not complied with that section? And is there a case that suggests that?

^{4 (}Pages 10 to 13)

MR. DeCARO: Well, I mean, I guess if you take a look at -- I think all of the cases do suggest that.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

JUDGE REICH: Do they make that distinction, or do they just focus on whether notice was given prior to the time the order was issued?

MR. DeCARO: Well, I think if you look at the language of the case, they are talking about the content of the notice and they are talking about a notice that the case is going to be filed. I don't think there is any other way to read that statute. I mean, what kind of notice? If you're not giving notice that the case is going to be filed, then what kind of notice are you giving.

17 JUDGE STEIN: Well, frankly, 18 looking at the testimony of Ms. Owen on I 19 believe January 14th, which describes a 20 number of meetings that took place between 20 21 EPA and the various states, it is hard for me 21 22 to envision a circumstance in which short of 22

the" --

14

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

JUDGE STEIN: Well, if the inference can reasonably be drawn from a particular fact and if the ALJ draws that inference, I don't see why it is that he is compelled to draw the inference, an opposite inference, simply because that possibility exists. I mean, the ALJ conducted the hearing; he heard the evidence.

MR. DeCARO: Well, if you have a specific requirement in the statute such as this, then it's our view that the statute has to be specifically complied with. And you cannot in the absence of a simple statement to the effect that the notice was given, I don't think you can try to draw some kind of conclusion out of testimony that had other import.

JUDGE STEIN: But if we were to give deference to the ALJ's Findings of Facts and Conclusions of Laws, I mean findings o facts as to witness credibility, as is the

15

17

written notice there would have been more notice.

There were a series of meetings; there were a series of discussions. There were discussions about why it is the states wanted EPA to take the action. This thing was something that they believed crossed states lines. The states expressed concerns about resource issues.

I am really having difficulty following your argument that in this kind of a circumstance with this kind of a record that the states were somehow surprised or didn't get notice of this action.

MR. DeCARO: Well, whether they go notice or not, I mean, you can certainly draw some kind of inference that they got notice, but more than that is required to meet the evidentiary standard.

Ms. Owens has said, "And while they were having one of these meetings, I told them that we were in the process of preparing 22

practice of this Board, and if the ALJ found that in fact notice was given, on what basis would this Board overturn his findings on this issue?

MR. DeCARO: Well --

JUDGE STEIN: How would it be clear error for him to conclude that the evidence in this record, as to which there was testimony, is clearly erroneous?

MR. DeCARO: Well, I think that the ALJ does not come right out and say that notice was given. I think the ALJ looks at the testimony and comes up with an inference that says that surely notice must have been given. I don't think that meets the requirements.

I'm taking a look now through here for his -- yes, page 6 of the initial opinion it says -- page 7 actually -- "In that regard," the second paragraph, "the record shows that EPA and the states acted on concert in bringing the enforcement action."

5 (Pages 14 to 17)

21

However, there is nothing in the record that says, and the ALJ never says that notice was given, a notice that says "We're going to bring an action."

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

And I think that is required, you know, if you look at the cases, including the Supreme Court case that talk about what a notice actually is and what evidence is required of that notice.

JUDGE STEIN: Okay. If you want to, move on. Did anyone else have any questions on the notice issue?

(No verbal response)

MR. DeCARO: Okay. With respect to 14 the second point to the Panel, "Elaborate on the tank-by-tank requirement imposed by the ALJ," I would simply point the Board to the regulations, 40 CFR Section 280.12.

40 CFR Section 280.12, is a 19 definitional section, and it defines: 20 "Underground storage tank or 'UST' means any21 one or a combination of tanks including 22

1 "the tank," you're talking about an 2 underground storage tank and "underground 3 storage tank" is defined as a multiple 4 tank -- you know, multiple tanks, number onel

Number two, it does not -- the regulations, although they say "the tank," they don't say anywhere, "And you have to perform a test discretely on each separate tank." They just don't say that.

JUDGE STEIN: I want to come back to the language of the regulations in a minute. But how is it that measuring things on a facilitywide basis would enable you to detect small leaks, which is one of the goals of the regulations as I understand it?

MR. DeCARO: Well, the tests that were actually performed by the Respondent came up with discrepancies as small as a gallon. So, you know, the methodology that they used actually did come up with that kind of a level.

A facility, Respondent's facility,

19

18

5

6

7

8

9

10

11

12

13

15

16

17

18

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

underground pipes connected thereto that is used to contain an accumulation of regulated substances."

So there is no -- there is nothing in the regulations that says specifically -- I mean, if you have a regulation that says "You have to perform these tests on a tank-by-tank basis," there is nothing in the regulations that says that.

The EPA guidance book provides a method of detection that is not on a tank-by-tank basis. But the regulations themselves just don't have anything that says that you have to go tank-by-tank.

JUDGE STEIN: How does 280.43(a) relating to inventory control square with your argument? What is the significance of the language in some of the subsections of that that deal with measuring things in "the tank," which is in a number of places? MR. DeCARO: Well, once again the

regulations, if you look at the definition of

has anywhere between two and four tanks for sales of product. You know, two tanks, they could have a premium tank and a regular tank which are blended into four mid-grade. They could have premium, mid-grade, super, and diesel. That would be the largest facility.

So you have a situation where the throughput for this organization is very carefully controlled, if for no other reason, they are buying the gasoline for resale. They have a direct economic interest in making sure that there is no product loss.

JUDGE STEIN: So you're saying that there are a maximum of two to four tanks at each of the 23 facilities?

MR. DeCARO: That's right. There are a maximum of two. I mean, there have to be at least two tanks because you have to have mid-grade, if you are selling mid-grade gasoline. You could have a maximum -- there are a maximum of four product tanks. I'm no talking about waste oil tanks. I'm talking

6 (Pages 18 to 21)

2

3

4

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

2

3

4

5

6

7

8

9

10

11

12

13

14

16

17

18

19

20

21

about a tank for, you know, selling gasoline to the public.

So the reconciliation that the Respondent came up with came within the guidelines all but maybe once or twice during 5 the period. That reconciliation is used not only to determine whether there is a leak, it is also used to determine how much they are getting from their supplier.

I mean, the supplier comes and they say, "Well, we just sold you 8,000 gallons of gasoline."

So, "Prove it." "Okay, well, here is the proof."

JUDGE STEIN: So then what you would need to do, under your contention that you can do it on a facilitywide basis, is once you realize there is a discrepancy, you would have to go to each of your tanks and

20 figure out which one is leaking; is that

21 correct?

1 2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

22

1

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

MR. DeCARO: If the discrepancy is

12,000-gallon tanks. They have 20,000-galloh tanks, but, I mean, let's just say you're using a 12,000-gallon tank.

The discrepancy would exist -- in other words, you would use the delivery, the factory (sic) -- excuse me. The factor of delivery would factor into the process, and so you would know where the gasoline was delivered and you would not have to check all 50 tanks.

You would have at the most two or three tanks that you would have to check because there is no tank wagon large enough to deliver gasoline to 50 different underground storage tanks. There are only two grades of gasoline, regular and super, that are sold and they are blended together.

JUDGE STEIN: Well, but when I look at your argument as to what the regulations mean, I'm just not looking at how it may impact your particular case. I am looking at if we are to adopt your interpretation of the

25

large enough, you would have to determine the 1

reason for the discrepancy and provided in

the regulations, and that would of course

4 require you going to each tank.

JUDGE STEIN: Well, let's assume that your facility, instead of having two to four tanks, was a big station and it had 50 tanks. How would this system work under that, that if the regulations permit you to do facilitywide inventory control, then once you think there is a discrepancy, you would have to go teach of the 50 tanks to figure out what the problem is?

MR. DeCARO: Not at all. Because a tank wagon -- you know, those trucks that you 15 see driving down the road with a tank on it full of gasoline, hold a finite number of gallons of gasoline. They hold somewhere around 20,000 gallons of gasoline.

20 So in an underground storage tank, 21 if you have a 50-tank facility, you are probably looking at a minimum of

regulations that would allow for a

facilitywide approach, then I would assume that it would apply to any tank facility, not just yours. Is that correct?

MR. DeCARO: Underground tank facility, it would apply to an underground tank facility storing regulated substances, that's right. Unfortunately, the regulations if they had wanted to say "You have to do it on every single tank," then they would have said that.

So if you bring it back to our specific example, I think this particular respondent is entitled to rely on the actual language in the regulations to justify the method that it used.

If the regulations have a problem, which they do, by the way -- I mean, I -- after going through this process, I think there are a number of places where I personally would like to tighten up the regulations. But that's neither here nor

7 (Pages 22 to 25)

there as far as this argument is concerned. JUDGE WOLGAST: Let me ask you a question about the regulations, again looking at the terms of 280.43(a), and it talks about the fact that monthly tests have to be conducted to detect a release of at least 1 percent flow-through plus 130 gallons.

1 2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

2

3

4

5

6

7

8

9

10

11

12

13

15

16

Now, is it your contention that you must perform tests to that standard? That standard applies to the entire facility as opposed to a tank?

MR. DeCARO: That standard applies to the entire facility because the flow-through for the entire facility -- and if you have four tanks in a facility, you have four tanks that are flowing through product and you have four tanks with their respective volumes and so forth. And so you could apply it on a facilitywide basis, yes.

20 JUDGE STEIN: Are these tanks 21 attached to each other? 22

MR. DeCARO: The tanks are I

were in that situation so they are all, generally speaking, discrete. I think there are a couple that are manifolded.

4 JUDGE STEIN: Your argument about 280.12, was that raised below?

MR. DeCARO: Yes, it was.

JUDGE STEIN: And did the ALJ address that argument in his initial decision?

MR. DeCARO: Well, I believe the entire discussion of the -- regarding the regulations governing -- you know, facilitywide basis addresses our argument. Because that was directed toward our argument. It was not -- it was directed toward our argument.

JUDGE STEIN: I am still having difficulty understanding how 280.12 by itself, which allows for the possibility that there is more than one tank, somehow supplants the language in 280.43, which is very specific as to the tank.

27

26

1

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

18

22

29

believe -- with few exceptions, the tanks are, generally speaking, not attached to each other.

JUDGE STEIN: Not?

MR. DeCARO: No. No, they are separate. It's a separate tank, and they are blended at the surface. They are blended by a machine, a pump, underneath the -- you know, just below the surface of the dispenser.

But they are not manifolded, which is a pipe that connects the two different tanks together. In other words, all these 14 tanks, none of theses facilities has more than a need for one tank containing each grade of product.

17 So if you had, for example, a 17 18 facility on a major highway, you may want to manifold two tanks together so you could have 19 40,000 gallons of regular available as 20 21

19 20 21 opposed to 20,000 gallons of regular available. But in this case, none of these

I mean, I understand how if you've got two tanks kind of manifolded together that you might have a different circumstance. But in those cases, which I guess is the majority where they are not, I'm having difficulty seeing how 280.12 trumps 280.43.

MR. DeCARO: Well, I think you have to read them together, because we have plain language that doesn't require a separate tank-by-tank inspection. The definition of "tank," if you say "the tank," well, you have the definition section defining tank as the entire underground facility. So I think it is reasonable for a Respondent to read the regulations that way and conduct the kind of inventory control that they were conducting.

JUDGE STEIN: Did your client ever ask any of the agencies whether its interpretation of a facilitywide inventory control was an improper interpretation?

MR. DeCARO: I would say yes, because this Respondent has been in business

8 (Pages 26 to 29)

1 for decades. They have been inspected many. 2 many times by all of the -- well, Virginia 3 less so because they only have a few 4 facilities there, but Maryland and Virginia 5 have inspected their facilities repeatedly 6 back into the '90s.

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

3

The issue first came up, and I was in the meeting -- I don't mean to testify, but I was in the meeting when the issue first came up about the facilitywide reconciliation.

They were providing documentation regarding inventory reconciliation to the other jurisdictions and nobody said anything about, "You have to be doing this on a tank-by-tank basis."

JUDGE STEIN: No, I'm looking for evidence that's in the record already that would show that your client made an affirmative request to one of the states or to EPA as to the interpretation that facilitywide basis is permissible.

1 tank gauge will -- if you run a tank test it will, theoretically the new ones will detect 2 3 a leak. They do that by measuring all of the 4 physical characteristics of the liquid in the 5 tank and they say, "Well, the volume of the

6 liquid has decreased by a certain amount, 7 indicating a leak."

8 I mean, in other words, heat, if 9 the stuff heats up, it expands; if it cools 10 down, it contracts, all those kind of things. 11 But all that, the latest version of the 12 automatic tank gauging system will do that 13 reliably, that the TLS-350.

JUDGE STEIN: Is that the system that is in place here?

MR. DeCARO: Every facility now has the latest and the greatest. But back in the day, there was the previous model, which was the TLS-250. The TLS-250 gave my client problems by not providing, even in situations where there was not like a, where the tests were --

31

14

15

16

17

18

19

20

21

22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

30

1 Is that in the record? 2

MR. DeCARO: That's not in the record. What is in the record is what I just suggested, that the states had

4 5 actually -- not the EPA, the EPA's first

6 involvement was in the early 2000s -- but the

7 states themselves looked at these records and 8 didn't say, "Oh, you should be doing this on

9 a tank-by-tank basis, nor did they fine them 10 for not going on a tank-by-tank basis. So

11 it's sort of a negative request, if you will. 12

JUDGE STEIN: Okay.

13 MR. DeCARO: If I may -- I believe 14 if it's appropriate to move on -- an

15 automatic tank gauge is a very sophisticated 16

device. It is a computer analyzer that 17 analyzes sensors. The sensors are in the

18 tank and they can detect changes in the

19 characteristics of the liquid that is in the

20 tank. The various characteristics they try

21 to check, but the main thing is a leak.

22 If there is a leak, the automatic

JUDGE STEIN: I would really appreciate it if you could confine what you are telling us about to what's in this record because I'm getting a little confused about what's in the record and what -- you know, problems that your client might be having that may or may not be in the record.

MR. DeCARO: Well, what's in the record, the testimony in the record does discuss the use of a TLS-250 and the problems that the Respondent had obtaining accurate readings from the TLS-250. And so until the 350 came out, the client -- this is also, everything I'm saying now is in the record, okay.

JUDGE STEIN: Okay. Thank you. MR. DeCARO: The client continued to use the inventory control method because they did not trust the TLS-250, I think. The Respondent's experts talked about that quite a bit.

JUDGE STEIN: So is it your

9 (Pages 30 to 33)

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

1

2

3

4

5

6

7

8

9

10

11

13

14

15

16

17

18

19

20

21

position that you're not relying on automatic tank gauging for any of the counts in this complaint to show that you complied with, your company -- your client complied with the release detection?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

MR. DeCARO: Not from beginning to end, from beginning to end of the five-year period involved in the complaint, there was a transition from inventory control to automatic tank gauging. But in the beginning, they used inventory control. They had an automatic tank gauge, but they did not use that exclusively for leak detection.

JUDGE REICH: Is the statement that the region makes that the ATG stores most recent 12 passing test results, is that essentially an accurate statement?

MR. DeCARO: That's an accurate statement. Yes, it is.

JUDGE REICH: If an ATG shows no passing test results, what does that suggest? Does that suggest that there were no tests.

test request requirements are -- that's the end of your test requirements under the regulations.

So, I mean, that's -- you know, the procedure that was used. Once again that procedure was not exactly blessed but certainly not cursed by the jurisdictions over the years leading up the filing of this complaint.

JUDGE WOLGAST: If you don't have: past test result that is stored, meaning you don't have a test or you have a failed test, then you are saying your fallback is a manual test and the manual test is the inventory, facilitywide inventory system?

MR. DeCARO: That's one of the tests, that's one of the things that you can do. That's one of the methods that you could use to determine if there has been a leak.

JUDGE WOLGAST: And what other methods did Euclid use?

MR. DeCARO: Well, I think they had

35

or could there have been failed tests? What reasonable inferences can you draw from the absence of a stored past test?

MR. DeCARO: Well, if you have a stored past test, you have a pass as far as that ATG is concerned. If you don't have any stored past tests or if you have fewer than 12, then you would have had a failed test. Failed tests are not stored by the ATG.

So if you have a failed test, what you have to do is determine, use whatever method is promulgated to determine whether 12 there was an actual leak. Since there were no actual leaks in this case, I guess that is an inference.

JUDGE REICH: And then there is no obligation to retest?

MR. DeCARO: Obligation to retest could be, could exist. But if the test shows a failed result and you determine that the leak -- you determine from extrinsic examination that there was no leak, then your 22

some contractors on staff. I would imagine that they would come out and they could perform a tank tightness test to determine if the tank is tight. I think that was done rarely, but I think there were a few of those.

JUDGE WOLGAST: And is that in the record?

MR. DeCARO: Yes. Yes, it is. You could perform a -- you could check -- you know, perform a retest.

JUDGE STEIN: Am I correct in understanding that there are seven counts for which your client was held liable in which you are claiming to base your release detection on ATG? Is that a correct understanding?

MR. DeCARO: Seven counts at least partially on ATG. I don't remember the number of counts, but yes.

> (Simultaneous discussion) JUDGE STEIN: When you say

10 (Pages 34 to 37)

3

4

5

6

7

8

9

```
"partially," can you --
1
2
          MR. DeCARO: Well, because the AT$ 2
3
    did not -- the ATG did not become I guess the
4
    sole method of testing until some point, at
5
    some point during the period at issue, and
6
    so --
7
          JUDGE STEIN: But you can't tell me
8
    which counts?
9
          MR. DeCARO: I could, Your Honor.
10
    I could if you want me to take a minute and
                                                 10
11
    take a look at the --
                                                 11
12
          JUDGE STEIN: Sure, why don't you
                                                 12
13
    take a minute.
                                                 13
14
                                                 14
             (Pause)
15
          MR. DeCARO: Let me see. Count 1
                                                 15
16
    is a tank release detection, Count 6,
                                                 16
    Count 9, Count 15, Count 22.
17
                                                 17
18
          JUDGE STEIN: Are you just giving
                                                 18
19
    me release detection or things where you're
                                                 19
20
    relying on ATG?
                                                 20
21
                                                 21
          MR. DeCARO: To give you the exact
    counts that we relied on ATG, I would have to 22
```

to the same tank that existed in 1998 and I pull a passing ATG test result, then that indicates that that tank hasn't leaked from that day to this, from the day it was installed until today.

JUDGE STEIN: But looking at the obverse of that, if I understand it, you have stipulated or conceded that there were no passing test results for the ATG, and that the machine itself stores the most recent 12.

MR. DeCARO: Right.

JUDGE STEIN: So if there are no passing test results, what is that? What does that infer?

MR. DeCARO: Well, if there are no passing test results and there is no leak, that infers that the Respondent went out and ensured that the failed test result -- followed up on the failed test result to determine if it was caused by a

JUDGE STEIN: How do we know that?

1

2

3

4

leak.

```
1
    dig through the brief.
2
          JUDGE STEIN: Okay.
3
          MR. DeCARO: I'm sorry. I would
4
    like to address that on rebuttal --
5
          JUDGE STEIN: That's all right.
6
          MR. DeCARO: If you would like. If
7
    you don't mind, I wouldn't mind. You know,
8
    could easily do that.
9
          To the extent that they did rely on
10
   ATG we have -- essentially, if you have a
11
```

passing test result based on an ATG reading, then the only reason to retain, there is a one-year record retention requirement in the statute. So if you have a passing test

16 result, that means the tank, a tank, an underground storage tank if it develops a leak, the only thing you basically do is pump the tank dry and dig it out of the ground.

You cannot -- because of the nature

21 of gasoline, you can't fix the leak in the tank. And so if I go out there today and go

18

19

20

21

I mean, is there evidence that that's exactly what happened in this case, that upon getting a failed test result, that your client -- you know, did X, Y, and Z, or is this just speculation on your part?

MR. DeCARO: Well, I don't think there is -- there is not evidence as to every single failed test result 12 to the year for 23 facilities -- you know, so speak.

However, there was evidence that the Respondent had people that it hired to go out and make sure that there was no leak, and those people testified. And so to that extent there is evidence in the record.

JUDGE RÉICH: I'm just a little confused about -- and I admit I don't follow all the technical stuff. But if you kept getting failed results month after month that caused you to go through a process of having people come out and evaluate it, at some point, is there not some way to address the accuracy of the ATGs, whether by putting in

11 (Pages 38 to 41)

12

13

14

15

17

18

19

newer version or something else, so you don't 2

repeatedly subject yourself to this, 3

presumably, unnecessarily?

4

5

10

1

2

4

5

6

7

8

9

14

15

16

17

18

19

20

21

MR. DeCARO: Absolutely. And that's what happened during the course of

6 this period and after the period of course,

7 which is not germane. What happened was when

8 the 350 came out, they started installing

9 them in the various locations.

JUDGE REICH: And once you put the 350 in, you started getting passing results?

11 12 MR. DeCARO: Once you put the 350 13 in, you start getting a lot more data. They 14 did not always get passing results when they 15 put the 350 in. However, they followed up on 16 those failing results as well. They did get 17

some passing results from the 350. JUDGE REICH: Do you know when they

18 19 got failing results where they turned out to be valid? 20

21 MR. DeCARO: They did not turn out 22 to be valid because, I mean, the simple test

2 infers that that is prima facie evidence that

3 a release may have occurred.

4 Could you speak to that? 5 MR. DeCARO: Well, it does say that

6 if you have a failed test result, you have to 7 follow up on it, and so the way to get around

8 or prove that there was not a leak is to

9 perform some kind of additional check on the 10 failed test result.

11 JUDGE WOLGAST: Also, specifically

I'm asking about your position on the proper 12

13 allocation of burden. Because as I

14 understand it, the region is saying the

15 failed test would suggest prima facie

16 evidence of a potential release, and then

17 presumably I assume they are saying the

burden would shift to the company to show 18

19 that in fact a release hadn't occurred or

20 that they had tested properly and that a

21 release hadn't occurred.

22 MR. DeCARO: That's right, that's

43

is a tank does not stop leaking. So if it

didn't leak -- you know, if you got a failed

3 test result, that would have indicated a

leak. You would have had a deteriorating

situation, which doesn't exist.

So -- you know, that is I guess the most level of certainty you can get from any of these various methods of testing a tank. The method that is described in the

10 regulations is to actually check and see what 11 is causing the failed test result. There is 12

evidence in the record to the extent that the

13 Respondent did that.

> JUDGE WOLGAST: Could I ask you to speak to the regions' argument that a failing result should be regarded as prima facie evidence that a release may have occurred?

On that they rely, as I understand it, on 280.50 that says that "Monitoring results from a release detection method that indicate a release may have occurred unless," 22 and then it talks about the monitoring device

1 right. I mean, because the regulations

simply say that if you have a failed test you

have to check it out. I have 34 seconds

4 left.

5 JUDGE REICH: I just want to make

6 sure when you say "that's right," are you

7 saying that's right, that's what they are

arguing; or that's right, that's a proper

interpretation?

10 MR. DeCARO: Well, that's a proper

[] interpretation.

12

15

JUDGE REICH: Okay.

13 MR. DeCARO: Yes. Thank you. I

mean, shall I continue or --14

JUDGE STEIN: Maybe just finish

your sentence, and then you will pick it up 16

17 on rebuttal, I think.

18 MR. DeCARO: Thank you very much.

19 ORAL ARGUMENT OF BENJAMIN FIELDS ON BEHALF

OF ENVIRONMENTAL PROTECTION AGENCY 20

21 JUDGE STEIN: Good morning.

MR. FIELD: Good morning. If I

12 (Pages 42 to 45)

1 may, Your Honors, I would like to start with 2 kind of a brief introduction and go very 3 briefly through each of the specific 4 questions tell EPA's overall position, and 5 then go back and talk about each issue in 6 detail.

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

Basically, Euclid is a company with an empire of approximately 23 gas stations. I understand they have been adding some stations. Despite having all these gas station, compliance with UST regulations was 11 not a priority.

They apparently made no effort to understand how to comply and they made no effort to understand how to use the proper equipment. In some instances, they had potentially proper equipment, but it was not being used properly.

In addition, the violations continued after numerous warnings from EPA 20 and the states after numerous meetings trying to explain to Euclid how to use the equipment 22 correcting the record of Euclid's purported inventory control methods.

JUDGE STEIN: May I ask you a question about the cross-appeal. I'm a little confused by your brief as to whether you are seeking an increase in the penalty amount or simply a correction of the liability finding.

MR. FIELDS: All right. EPA is seeking an increase in the penalty. In the brief, we explain that even though the penalty is already large and the increase is small, the importance of the cross-appeal exists even though it is only a small additional penalty. But EPA did prove the violations and feels it is entitled under the penalty policy and under our guidances to the additional penalties.

Now, in terms of notice, I can't imagine a case in which the notice to the states could have gone anything beyond this case. There was a case involving unusually

46

1

2

3

4

5

6

7

8

9

10

12

13

14

15

16

17

18

19

21

2

10

11

12

13

14

15

16

17

18

19

20

21

22

1

and explain how to follow EPA's regulations and the state regulations.

Even after EPA filed this case, Euclid appeared to be not willing to spend the necessary money in obtaining the proper equipment and the proper technical expertise to come into compliance.

In the response, Euclid in their brief and at the hearing tries to blame everyone but themselves: the states; their contractors, installation contractors; the equipment manufacturers.

I would ask that the Board uphold Judge Charneski's finding, that in fact Euclid did violate the regulations, and violated them in a somewhat -- with enhanced culpability because of all these warnings except for Count 47 and parts of Counts 54 and 57.

19 20 Judge Charneski made what appears 21 to be a relatively small mistake penaltywise, but it's actually important in terms of

close cooperation and decision making between EPA and three states.

3 JUDGE REICH: Can I ask, while 4 you're at that point, given that clearly 5 notice of the state is a statutory 6 requirement and therefore a requirement of 7 some significance, does the region have a 8 policy on how it documents how notice is 9 given?

For instance, if it is given orally in the course of a conversation, is there a requirement to document that in writing some place as to the notice that was given and to whom and what it said?

MR. FIELDS: Well, our region has no formal written policy. Certainly, after this case, we have made a specific point of including a written document in the case files telling the states EPA plans to file an appeal.

JUDGE REICH: So, as to this particular case, there were no written

13 (Pages 46 to 49)

documents in the case file --MR. FIELDS: There were no written documents specifically telling a person.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16 17

18

19

20

21

22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

JUDGE REICH: To give notice?

MR. FIELDS: There were certainly documents documenting the meetings. There were people's notes documenting things that were talked about. But in this case, it just appeared to us that there was no issue. The states were cooperating all along. You knew 10 the states were cooperating.

In the case of D.C., we held meetings with Euclid in D.C.'s office. There 13 were no documents saying this is the statutory notification had been created, but EPA clearly gave multiple explanations (sic) -- no, multiple notifications to the state.

And the testimony at the trial by three different state employees said that they, in fact, stopped their enforcement actions because it was their understanding case.

1

2

3

4

5

7

8

9

11

12

14

15

16

19

20

21

1

2

3

4

5

6

7

9

11

12

13

14

15

16

17

18

19

20

21

22

Certainly, in this instance, the people who were at these meetings included high-level people and even office heads. As was pointed out on Euclid's argument, they specifically wanted EPA to bring this case because it was a resource drain and it was a multistate case.

JUDGE STEIN: With respect to the series of questions that Judge Reich just asked, I believe he focused on any kind of a regional policy. And I'm wondering whether there is any kind of a national policy, or whether you are aware of regions that do give notice in writing as opposed to orally?

MR. FIELDS: Well, our region now 17 does give a formal notice in writing. 18 However, by the time that notice is given, the states have really been notified. Because EPA works -- I mean, certainly in the UST Program I can speak to EPA and the states 22 discuss the inspections that are happening.

51

53

that EPA was going to be taking over.

I believe on cross-examination, there was a specific question Mr. DeCaro asked, "How come you didn't follow up if you thought these violations were so serious?"

And each of the state witnesses said "We did think they were very serious, but EPA assured us they were doing something 8 about it by filing an action." 10

JUDGE REICH: Also, was there at the time any policy as to whom within the state you had to notify, and at what level? Was it an inspector, or did it have to be somebody at a supervisory level? Was there any guidance as to the appropriate level for making this notification?

MR. FIELDS: I don't think that there is any guidance whatsoever. I think that our general policy is to make sure that the proper enforcement authorities, usually at the branch chief level or higher, are aware of the fact that EPA plans to bring a

They discuss violations found. Each month, each state and EPA have a conference call talking about the status of any enforcement actions being taken by EPA.

But in response to any concerns, EPA makes sure that a formal written notice is given. But I don't believe that that notice is necessary at that point to satisfy the otherwise clear statutory guidelines that notice must be given, but in no particular specified form.

JUDGE WOLGAST: And in your view. what is the best-case precedent to look to resolve this question of what notice is sufficient for purposes of the statutory requirement

MR. FIELD: Well, I think that the ALJ opinion in Brenntag is certainly on point. Now, obviously it's not binding on the Board.

But I think in Brenntag the case is very similar, that the evidence showed that

14 (Pages 50 to 53)

2

11

13

14

15

16

17

18

19

1

2

3

4

5

6

7

9

10

11

12

13

14

15

16

17

18

19

20

21

22

EPA and the states cooperated, and that the states asked EPA to take some action.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

In that case, it was ruled that giving an additional notice seems to be just surplus. The states clearly knew EPA was going to act because they asked them to do so.

Now, in terms of other actions, I don't believe this issue has been litigated. In some instances, there have been questions -- there have been citizens with cases in which no notice had been given. And 12 if no notice had been given, that is certainly a problem.

But generally citizens who are plaintiffs don't work cooperatively with EPA, and EPA does not ask private citizens to file a suit so that any of those cases are completely off point.

20 JUDGE STEIN: Is there any legislative history in RCRA which would bear 21 on the purpose of the notice requirement? 22

1 the regulations clearly show that that was

intended to be tank-by-tank. I think that if

3 you have a combination of tanks, as claimed

4 by Euclid, then EPA has made it clear that

5 combinations, not aggregations but

6 combinations of tanks, tanks that are liked

7 together so that the contents cannot be dealt 8 with separately, EPA's own guidance says that

9 those tanks but only those tanks can be 10 combined for purposes of inventory control.

On the cross-appeal issues, just real briefly and then I can --

JUDGE STEIN: Before you go to the cross-appeal, what about 280.12? How do you respond to their argument?

MR. FIELDS: Well, I think 280.12, as I said the word "combination" of tanks is clearly addressed in the EPA guidance and also in the American Petroleum Institute guidance that is specifically cited in the regulations talks about tanks in which the tanks are joined together so that product

55

MR. FIELDS: I believe there is some history talking about the need for states who have authorized programs to be aware of. And I am not prepared to cite it right now.

JUDGE STEIN: Additionally, are you aware of whether any other federal environmental statutes besides RCRA require 8 that the notice that we're talking about here be given in writing to a state? Are you aware of other statutes where that might -- I realize it's not specific as to that point under RCRA.

MR. FIELDS: I am not aware of any one that specifically does. I mean, I haven't really examined all of them. I do know that some of the citizen suit provisions do specifically require the notice to EPA to be in writing.

20 JUDGE STEIN: Thank you.

21 MR. FIELDS: With regard to the

inventory control questions raised, I believe

flows between those tanks. I think that would constitute a combination of tanks.

Euclid is talking not about a combination but an aggregation. It just feels it would like to take a bunch of tanks and do them all together because it is easier that way.

And it is also important to point out that inventory control is a method used by gas stations to do things other than release detection. One of the key issues is just being able to predict when to send deliveries of gasoline. It is also used for economic accounting on cash flows between lessees and lessors.

And the fact that a system of some sort of inventory control is in place does not mean that that system was intended for an actually used to comply with EPA's regulations.

I would also remind the Board that in most instances for most periods of time

15 (Pages 54 to 57)

inventory control was not an allowable
 tank-release protection method. It was
 specifically set up as a method that was to
 expire.

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

5

6 7

8

9

10

11

12

13

14

15

16

17

18

19

20

It was allowed in the initial regulations because there was a need to get regulations out quickly and to order people to begin doing something immediately.

And it was impossible in 1987 or '88 to immediately have gotten ATGs at every facility and so EPA rushed the regulations out and said, "Do this now for the next 10 years. And then after that, only if you have a new tank can it be used and only for a certain period of time."

Now, on the cross-appeal, part of the thing we point out is that after Judge Charneski ruled that Euclid was not doing a tank-by-tank inventory control, he pretty much stopped and didn't address the other arguments one way or another.

There were two very critical

guidance document that came out in 1993 from
 EPA, and this example is very similar to the
 example in the API document that was cited in
 the regulations.

Essentially, at the bottom here
each month, EPA recommends adding up a daily
inventory, and at the end, you get totals for
a suspected loss. That loss on the bottom
line here has to be compared to that month's
throughput, that month's sales, to determine
if it is within the regulatory standard of

12 1 percent of throughput plus 130 gallons, or 13 in Maryland half of 1 percent.

14

15

16

17

18

19

20

21

7

8

9

10

11

59

On Euclid's inventory sheets, there was absolutely no calculation showing a comparison of Euclid's calculated losses to the monthly standard. In fact, as was discussed at length in the brief, in the post-hearing brief and the appeal brief, the actual documents in Complainant's Exhibit Y-30 show strange anomalies that

22 shows something completely different from the

1 problems with Euclid's inventory. First of

2 all, the inventory was not comparing any

3 results to the monthly standard. In

4 addition, Euclid's inventory control was not

actually being done monthly. It was being

done on a cumulative basis. And I will get back to that as I get to that.

JUDGE WOLGAST: Could you explain the first --

MR. FIELDS: Well, I mean, I can just skip the introduction and actually go directly into it. Euclid's inventory control was being performed on a particular sheet. I will put up a copy of this here, if I can get it to work here. This is on Complainant's Exhibit Y-30.

JUDGE STEIN: I think we're going to need some technical assistance from -- I mean, I think we can get that assistance for you, if you could put it back on the screen.

MR. FIELDS: What I would like to do first is put on the screen an example in a 1 type of inventory control contemplated by the2 regulations.

For instance, if you look up here

the Rhode Island Avenue book amount, which

is the amount calculated to be in the tank,

the amount is actually negative.

Now, any way you do inventory control you are not going to get a negative book amount. That is the amount that is calculated to be in there. It is hard to understand what Euclid was actually doing

with these documents.
But when EPA asked repeatedly many,
many times, "Show us your inventory control

documents," for two or three years when EPAand the states asked, they got nothing.

Eventually, this is what Euclid
came up with and said, "This is it. This is
what we do." These documents are, in effect,
incomprehensible, and they clearly do not
show a comparison of any result to the

2 monthly standard.

16 (Pages 58 to 61)

3

4

5

6

7

8

9

10

]]

12

13

14

15

16

17

18

19

20

21

22

2

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

65

1 Now, in addition, Euclid's General 2 Manager, Mr. Buckner, was very clear that the 2 3 monthly calculated amount did not start with 4 the on-hand in the previous month. The 5 monthly calculated amount was a calculation 6 based on all the inputs and all of the sales 7 since the beginning of a tank being put into 8 service. 9

10

11

12

13

14

15

16

17

18

19

20

21

22

1

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

If you are doing that, you are not doing any monthly reconciliation. All of the guidances, all of the documents shown, cited in the regulations, and all of the logical industry practices have to be that if you are calculating your loss for month, you have to start with the amount that you measured in the tank at the beginning of the month. Euclid admitted that it did not do that.

So basically what it is getting here is gobbledygook. It is getting something that on the face of Complainant's Exhibit Y-30 is showing huge shortfalls that are clearly beyond the regulatory standard

MR. FIELDS: I could just put up an exhibit here, if I can, just showing you what an ATG looks like.

An "ATG" is basically a computer, and it can be used for many purposes. The ATG main unit or the "head unit," as it's called, sits on the wall and is hooked up to whatever probes you want to hook up to it.

Now, as contemplated by the EPA regulations, the ATG will run a specific test. But in fact, ATG's are commonly used. In fact, Euclid's personnel admitted on the record in the transcript that they used to take inventory readings.

Essentially, as was explained, it's a machine that tells you how much gasoline is in the tank at that moment. It will take a tank level and it will convert that to gallons and it will tell you at that moment "Here's how much is in there."

If you are doing a standard ATG test to comply with the EPA rules, the ATG

63

for declaring a leak. But somehow in Euclid's own mind, for whatever purposes it

2 3 did inventory control, it was not concerned.

I think that Euclid's President, Mr. Yuen, testified very clearly that he thought his method, however it was being done, was just better than anything EPA required and the regs. So that's what he did, despite anything in EPA's regs.

JUDGE STEIN: One of the things we are particularly interested in hearing about, Mr. Fields, is ATG. We are struggling with trying to understand what is required, what is the relationship between not having passing results and not monitoring, what is the significance of not having recorded results, and how you can use it to show testing?

So keeping mind the questions that we asked Euclid's counsel, if you could elaborate on that point, those points for us, that would be appreciated.

1 has to have a period of time -- depending

upon the size of the tank, it can range from

3 two to four hours, two to five hours -- in

4 which it measures the tank level to adjust

5 for minor changes in pressure and temperature

6 and sees if that level is going down in any 7 significant amount.

Euclid in a lot of instances had ATGs on the wall. They were apparently using them to, I'll call it, "stick the tanks" to find out the inventory level at the end of the day, but they were not getting any test results because it was not programmed to run those tests.

Once EPA confronted Euclid's on Euclid's contract, who they hired only after EPA started to really put the vices on, attempted to program them and to get results.

But to run this kind of a standard test, you need to have two to five hours where the tank is not being filled and it is not being pumped out of. In fact, most of

17 (Pages 62 to 65)

69

Euclid's stations were operated 24 hours, and so they were unable to validly do this.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

1

2

3

4

5

6

9

11

13

14

15

16

17

18

19

20

21

22

Also, in the record, Euclid's contractor then explained that he finally, when the case was getting close to going to hearing, instituting a system where he would go to each station once a month and shut down 7 the station and try to get a valid test.

But in fact that didn't work, because to get a valid test you need the right conditions. You need to have the tank be filled to a certain level. You need to have stable temperature conditions.

For instance, if you deliver gasoline shortly before a test, that gasoline coming out of the truck is going to be a very different temperature than the ground temperature.

Then, it will change in temperature during the course of the test and the machine will say, "That's too much of a temperature change. I can't calculate that." The test

shorter periods, 15-minute periods, where the 1

2 tank is not being used and aggregate them.

At some point in the month, if enough of 3

4 these periods are present, the machine says,

5 "Now we've aggregated enough, used a

6 statistical model, and determined the tank for this month is not leaking."

At the time of the hearing only one of Euclid's stations had been outfitted with CSLD, and I believe it was in September 2003, shortly before the hearing. Lo and behold, from September through December that facility had valid results.

None of the other facilities had been outfitted with CSLD. In fact, Euclid's contractor testified that he was under orders to try to do anything other than spend the money, try to find some other way to do it without installing CSLD, and only install CSLD if there was no other way to do it.

Now, to the extent that CSLD has been installed, this is far too little, far

67

66

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

comes out invalid.

In other facilities, and there was expert testimony that at other facilities' ATGs could be made to work if they were used 4 appropriate to the facilities. If you are trying to do a standard test and you have a

7 station that is not open 24 hours, you have 8

to run the test multiple times during the

course of a month so that on at least one of 10

those days you are going to get the right conditions for the test to be valid instead 12

of invalid.

Euclid finally attempted to run a test once a month. They weren't getting consistent results doing it that way. The other method you can use to deal with this problem is installing a particular type of software that is relatively expensive, it's a couple of thousand dollars for a chip, to do what is called "continuous statistical leak detection."

The same machine is able to take

1 too late. Euclid had --

> JUDGE WOLGAST: But you saying that CSLD isn't a regulatory requirement; correct?

MR. FIELDS: CSLD is a way to get a valid ATG result. Getting some sort of valid result in one of the enumerated methods is required by the regulations. Euclid was not getting any valid result under any of the various choices and their response is, "Well, the ATGs don't work."

Well, the ATGs could have worked for their facility. But there are some facilities where even CSLD doesn't work. The throughput is too high. Those facilities are required to find another method in the regulations and implement that method. There are plenty of choices, double-wall tanks with probes between the tank is one choice.

Euclid would have had to retrofit several of its facilities to do that. In fact, at Euclid's facilities using CSLD would have gotten them a valid result in most

18 (Pages 66 to 69)

instances and would have complied with the regulations.

JUDGE REICH: Does a valid result mean either a passing or a failing result?

MR. FIELDS: Well, a fail, I would argue, yes, is a valid result, but it triggers a whole bunch of other requirements.

JUDGE REICH: But can you have a situation, as Mr. DeCaro seemed to suggest, where you could have a failing result which is a valid result that would lead to an investigation that would not then lead to a retest showing a passing result?

MR. FIELDS: No. If you have a fail, you must either get some sort of result showing that it is not leaking, or you have to treat it as if it is a leak. Generally,

18 what happens is that if you -- well, under

the regs, you don't have to declare asuspected release if within the reporting and

21 investigation period you find a specific

22 malfunction, correct the malfunction, and

then additional testing does not show a release.

So if you knew that there was a malfunction, for instance, if you pumped gas during the test and could point to that and say, "Oh, gee, that's probably the reason," you then have to run the test without pumping gas and get a passing result; if not, then you have to declare, or investigate.

In general, there are false positives because people do stupid things like pumping gas during a test. If you cannot correct that, in general what EPA and the states require is what is called a "tightness test." The tank is pressurized and any pressure decay during the period of the test is analyzed to see if it is leaking.

There is no evidence that Euclid did that in response to any fails. In fact, at the beginning of the case, the EPA had planned to charge Euclid with failing to

investigate failed results.

Because EPA's inspectors and the state inspectors by themselves went to these facilities and found failed tests in the test history. Euclid had been asked to provide records, but did not provide even those.

EPA, after meeting with Euclid, decided that that was not the proper violation because Euclid didn't know whether it had passes, fails, or invalids at all. It had no idea what the results, if any, were on any of those tests.

So we concluded that, "Well, you can't be required to report a suspected release if you have no idea that it happened. But if you don't have any idea whether it happened, you haven't been doing any release detection at all.

JUDGE STEIN: But can you -- I'm having difficulty finding where in the regulations you are looking to to find the requirement to have passing results?

When I look at 280.43, it describes

1 methods of release detection, and under (d)2 it talks about automatic tank gauging,

but -- it talks about being able to detect a

4 leak rate and to be done in combination with

5 some other method. But where is the 6 specificity in the regs that you are

7 suggesting is there?

MR. FIELDS: Well, under 280.41, it says you must monitor the tanks every 30 days to determine if they are leaking, and you are not monitoring if you are getting results that don't tell you if it's leaking or not. Some human being has to see or hear or be told of some results saying "Is this leaking or not."

If you get an invalid result, you don't know one way or another, so you cannot be said to have monitored that tank. All can be said is that you've got the unit on the wall, you've got probes in the tank, but you're not monitoring.

Certainly, if someone designed a

19 (Pages 70 to 73)

77

machine that ran tests but had no readout at all, that would no be monitoring. Even though the machine knows whether it is leaking or not, no one else does.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

JUDGE STEIN: Is there a definition of monitoring in the tank regulations?

MR. FIELDS: No. I don't believe so. I believe it is a common sense interpretation that you are not monitoring if you don't know whether or not it is leaking.

JUDGE STEIN: That monitoring to determine it is leaking is a specific requirement for ATG, or is a more general requirement?

MR. FIELDS: No, that is in 280.41, 15 all petroleum USTs must have some sort of 16 monitoring. In 280.43, it gives several options as to how you monitor. But in each 18 instance, you have to have some system that 19 can detect a leak within 30 days so that you can monitor to find whether or not that tank 21 is leaking.

Rian of MDE found a bunch of these on the floor or in the office and asked the people at the facility, "What are these?"

4 And they said, "I don't know, it 5 just came out of the machine."

And she found several failed results on these tapes. But I don't think as a rule that the machine will store fails. I believe it will store up to three alarms. And generally if you get a fail, the machine will, internally at least, give off an alarm. The evidence was very clear at all of Euclid's facilities any alarms that happened were being ignored.

But once again, if Euclid is asked, "Show us your records, show us what you're doing," they said, "We don't know." In fact, when Euclid did it, they said, "Well, everything is probably at the facility."

But the people at the facilities said "No, all we use these for is just to get inventory. Euclid must have it."

75

74

1

2

3

6

7

8

9

10

11

12

13

14

17

20

22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

16

17

18

19

20

21

22

JUDGE REICH: Does ATG store only passing results?

MR. FIELDS: I believe the ATG will store the last test, be it passing or invalid or fail, and in addition it will store the last 12 months of passing results. Now, I say the "last 12 months," the testimony is clear that if there is no passing result in a month, it will store prior months.

JUDGE REICH: Other than the last test, if there are no previous tests stored, can you tell whether there was a failed test ог a not a valid test?

MR. FIELDS: I believe it varies from ATG to ATG. I believe some ATGs will 15 store several failed tests and others will not. In other instances, I mean, the ATGs, most of the particular brand here, the Veeder-Root ones, when it runs a test, it will kick a test a tape out. It will print out a tape, and it will drop on the floor.

At one facility, I believe Jackie

Well, whether the machines were doing anything or not, no one was actually looking at the results. When EPA in many instances tried to pull up past results, it was very clear that no test had ever been done.

JUDGE WOLGAST: As to the facility that you say became equipped with CSLD and then performed valid results, as you said, what was indicated by those results? Were they passing? Failing?

MR. FIELDS: Yes. If you have a CSLD result, it will specifically say: "CSLD Test Result," and then "pass," or "fail." By the time that happened, EPA had actually worked very closely with a contractor who Euclid eventually hired.

EPA actually worked well with them. He knew what had to be done. He just didn't have authorization to go out and do it early on, but he was keeping very close records. Each month he would be out there and he would

20 (Pages 74 to 77)

2

3

10

11

12

13

14

15

16

17

18

20

21

22

1

2

3

4

5

6

7

8

9

10

11

12

14

15

16

17

18

Ţ collect the actual tape and it would say 2 "test performed/test passed." 3 JUDGE WOLGAST: And they had 4 passing results at the time? 5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

5

6

7

8

12

18

19

20

MR. FIELDS: They had passing results. Mr. DeCaro is correct that EPA has not identified any specific leak from these tanks, but I think that that goes only to the question of did the corrective action rules kick in.

Euclid in fact was going blind on this in that they did not have any idea if tanks were leaking or not, and the regulations are designed to be ready so that when a tank leaks it can be dealt with.

Inventory control had been used in some method prior to EPA's regs coming in, and at that point EPA calculated approximately 300,000 underground tanks had 19 been leaking in 87.

21 So it is not clear that any given 22 tank will leak at any particular time, but valid ATG result for the purposes of our case here, EPA considered that to be a passing test for that month.

4 JUDGE STEIN: I want to ask to ask 5 you the same question I asked Euclid's counsel, which is, am I correct in 6 7 understanding that there are seven counts 8 that depend on this ATG issue? Are you in a 9 position to answer that question?

MR. FIELDS: I'm not really sure. I mean, I think that our evidence showed that in every instance in which tank release detection was claimed as a violation, there was an ATG eventually installed at that facility but that there were no results until sometime in late 2003, just prior to the hearing. So I really don't --JUDGE STEIN: You don't know how

many counts were release detection? MR. FIELDS: I believe it was 15, but that's just off the top of my head. JUDGE STEIN: I believe your co-,

79

1 the environment can be very seriously harmed 2

if a tank release is not found. And so

Euclid was very blithely ignoring very 3

4 important prophylactic rules.

> JUDGE STEIN: Am I correct in understanding that in order to use ATG, it must be used in conjunction with inventory control or tank tightness testing, or am I

9 incorrect in that understanding? 10 MR. FIELDS: Well, in the 11

regulation, it says that in addition to doing ATG, you have to use inventory control or some equivalent message in addition. In some 13

13 14 states, particularly in Maryland and in D.C.,

15 they very clearly require inventory control

16 to be done at every facility. 17

As I understand it, the Office of Underground Storage Tanks has been a little unclear about if EPA requires inventory control to be there in addition to an ATG.

21 From our standpoint, we are not arguing that. In other words, if the had a not your co-counsel, but Mr. DeCaro may have the answer.

MR. DeCARO: I counted up 13, and I'm going to give this to Mr. Fields.

JUDGE STEIN: Okay.

MR. FIELDS: Well, Your Honor, as I understand, in the stipulations, Euclid raised ATG testing as a possible defense at every facility in which an ATG was present, so I'm not quite sure I understand.

But I do believe that at least as of the hearing Euclid's own general manager was testifying that he had never seen a valid passing result from any of these ATGs, and he didn't care because they were doing their own method of inventory control and that was good enough for them.

JUDGE STEIN: Okay.

19 JUDGE WOLGAST: Could you speak to 20 Euclid's argument that as to tank-release 21 detection and line-release detection, that the Region's prima facie case is in essence a

85

lack of records?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

1

2

3

4

5

6

7

8

9

10

11

12

13

21

MR. FIELDS: I think -- certainly for tank-release detection, the primary thing in the prima facie case is a lack of records, but it's a lack of records that goes back forever.

In other words, if within the entire period of keeping records for all the tanks, both in D.C. and in Maryland, and of course D.C. has a three-year period and Maryland has only a single year and essentially Euclid had no passing results in that entire period, the ALJ then properly inferred that if they weren't doing anything for three years at any tank, they probably were not doing anything back to five years.

17 At that point, I believe EPA has established a prima facie case, that the 18 evidence speaks for itself. Euclid is 19 welcome to come in and explain that they were 20 actually doing something just before the 21 22 cutoff period but that's kind of a -- that's

1 meetings in April 2002, Euclid told the EPA 2 that the boxes of records it was bringing in 3 was everything that they had, and they had no 4 reason to believe that anything had been 5 removed from those records and also told EPA 6 that there was no record destruction policy, 7 that they couldn't understand why anything 8 would not be there.

In addition, in those records, there were tightness tests going back to 1995, but again very sporadic. It was not on any kind of annual basis; it was not for every facility; and there were other maintenance records going back to the mid-1980s.

In addition, it was very clear based on a number of pieces of evidence that Euclid did not have a formal annual testing program, that tests were being done sporadically. And, again, Mr. Buckner could only testify that from time to time he would order a test.

83

82

9

10

11

12

13

14

15

16

an argument that's kind of hard to believe. And Euclid did not make any attempt to do that. In fact, they testified that they had never gotten a proper ATG result.

Now, on line-release detection, it is a little bit different. I can actually turn to my notes on that here. The line-release detection counts, some of the evidence shows that when EPA did ask for annual tightness testing results and annual line-leak detector results, for some facilities. Euclid had at that time test results; for some facilities, it did not.

14 In almost every instance, the test 15 result was greater than a year old, and so it 16 was clearly in violation. There was a combination of inferences that led EPA and 17 17 18 the judge in the case below to conclude that 18 19 the only line-tightness test, and line-leak 20 detector test performed by Euclid are the ones in which Euclid retained the records. 22 First of all, in the extensive

1 In addition, the state

2 notifications given before the period of 3 violation had a box to check off methods of 4 tank- and line-release detection. And for 5 most of the notifications, line-release 6 detection was not listed even for facilities 7 that at some point or another had had a test.

8 And, finally, in the face of all 9 this evidence, Judge Charneski followed EPA's 10 suggestion to draw the inference that Euclid 11 in fact kept records of the tests that had 12 been done.

And so even if we asked in 2001 for test results and Euclid had a 1999 test, Judge Charneski agreed that prior to 1999 by a preponderance of evidence EPA had proved that Euclid had not done a test.

In the face of this, Euclid could have called witnesses, either a store 20 operator or the particular person, Charlie Pyle, who you could claim did any tightness test done.

22 (Pages 82 to 85)

13

14

15

16

19

21

86

They could have called this person to say, "Well -- you know, I have other records, or I remember doing a test that is not included in these records." Euclid did not call any witness, and so therefore did not rebut these very strong inferences based on all of this evidence.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

Now, in the face of all this, the judge agreed that based on the credibility and the testimony, that EPA was correct and that Euclid in fact did have records of any tests that was actually done at any time.

Now, if I could speak real briefly to the questions on Count 31, the Frederick Avenue facility in Baltimore. The evidence at trial was very clear that there were no sump sensors and the test boots were tight.

You could have made some argument that you wouldn't have tight test boots if you didn't have sensors. That argument makes²⁰ no sense to me. If you have double-walled pipes, you always have some boots on them,

1 brief, EPA recalculated the penalty and said

- that the break that we gave Euclid for
- facilities which had some semblance of a
- system is not going to be included for this
- 5 facility.
- 6 Now, in the penalty policy, this
- break isn't even in there. EPA gave that
- break, but only at the facilities which
- actually had some sort of a sump sensor
- 10 system.
- 11 Any other questions?
- 12 JUDGE STEIN: Thank you.
- 13 REBUTTAL ARGUMENT OF THEODORE F. DeCARO
- 14 ON BEHALF OF RESPONDENT
- 15 MR. DeCARO: May it please the
- Court, I guess the sensors and boots go
- 17 together. The complaint said there were
- sensors. I guess if there were some
- testimony at trial that there weren't any
- sensors, then I guess there is a variance
- 21 between the complaint and the evidence. That
- is the only point that could be made there.

87

3

4

5

6

7

8

9

10

11

12

13

14

15

16

18

19

20

21

22

someone tightened.

And if you have tight boots, you're not going to have a flow of a release into the sump that's not going to be detected by sensors. If you don't have sensors, it can be closed or open, you're still not going to have any detection.

The interesting thing, though, here is that EPA in its First Amended Complaint did make a mistake. In the penalty calculation in the first amended complaint, we mistakenly believed that that was one of the facilities that had partial elements of a sump sensor system and that actually had sensors.

At trial, this mistake was discovered. The evidence was very clear, and 17 the evidence was introduced and witnesses testified that there were not sensors there. Euclid's technical contractor did not

21 contradict this. 22 At that point in the post-hearing

1 I don't have anything further to say, unless 2 you have any questions.

Okay. As far as financial responsibility, I would just like to clarify that. There are several ways of meeting the financial responsibility requirements, and one of them is to have a guarantee. We don't have a guarantee in this case. We have actual, what we are claiming, Respondent is claiming that there is an actual net worth.

There is no guarantee, and so I'm not going to sit here and contend that the guaranteed requirements were somehow satisfied, because they weren't -- okay, there is no documentation of a guarantee.

Euclid is saying the gestalt of its operation has a large enough net worth to meet the self-insurance requirements. And so we're not saying that the lack of a guarantee means they failed the requirements. We're just saying --

JUDGE WOLGAST: I understood that

93

1 the ALJ as to that point both found that it 2 lacked formal guarantees but also the 3

financial resources on which Euclid was 4 relying went to its affiliates and not to the

company itself.

5

6

7

8

9

10

11

13

14

15

16

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

MR. DeCARO: All these -- most of the financial resources are owned by limited liability companies under common ownership, I mean, common ownership to a certain extent, I guess. The testimony of the Respondent, Mr. Koo Yuen, is that this is available.

12 There was nothing agreed about that.

I mean, the ALJ wants to look at the -- I mean, we presented -- we presented the fact that the limited liability company memberships are owned by three trusts, three

17 different trusts.

18 Euclid is a member of some of the 19 limited liability companies, but Euclid 20 doesn't own the real estate. However, the 21 stations where the facilities are located are 22 very valuable. I think there was plenty of

data and passed it on to Koo Yuen, who

2 performed the conforming analysis, and he

3 testified to it. Mr. Yuen testified as to

4 that. So that was where even though

5 Mr. Buckner did not every month perform a

conforming test, the test was being performed 6 7 and it would have had --

JUDGE WOLGAST: Only by Mr. Yuen, you're saying?

10 MR. DeCARO: Mr. Yuen, right.

JUDGE WOLGAST: How would he do it

12 MR. DeCARO: Well, he would get 13 these sheets from Mr. Buckner and he would

14 take a look at them. He had the inventory

15 readings from the station and he had the

16 previous month's inventory reading from his

17 records and that was put into the record at

18 the hearing.

19 JUDGE STEIN: Were they done on a 20 real-time basis, or is there evidence in the 21 record as to that point?

22 MR. DeCARO: He testified that they

91

6

7

8

9

14

15

16

17

18

19

20

21

90

8

9

11

evidence of that. That was what we presented on that point.

The other thing I would like to point out is in the record, the documents that Mr. Fields presented regarding the inventory control used by Euclid are not all of the documents that Euclid presented.

There are daily sheets that roll up into that sheet that Mr. Fields presented, which is actually the least attractive, the least readable of the sheets. So I would ask the Panel to take a look at the record when evaluating Euclid's compliance with respect to inventory control.

MR. WOLGAST: Was Mr. Fields correct that the manner in which Euclid performed the monthly tallies did not begin with existing inventory at the beginning of any given month?

20 MR. DeCARO: Not at the Leon 21 Buckner level. Leon Buckner is the general manager of Euclid. He did not -- he gathered 22

1 were done on a monthly basis. There was

2 evidence in the record that the CSLD, those

3 are very, very accurate right now, but there

4 is evidence in the record that at the time 5 they were not always so accurate and that's

why the retrofit came later in the process.

Then, we're talking about Count 31 -- I'm sorry, I already addressed that.

10 Thank you. Thank you very much. 11 JUDGE STEIN: Any further

12 questions? 13

(No verbal response) JUDGE STEIN: Thank you.

MS. DURR: All rise.

The hearing stands adjourned.

(Whereupon, at approximately 12:08 p.m., the HEARING was

adjourned.) * * * *

24 (Pages 90 to 93)

	1	<u> </u>	<u> </u>	
A	addressed 56:18	48:7 61:4,5,6,9	15:11 19:17	51:20
able 57:12 67:22	93:8	61:9 62:3,5,15	24:19 26:1	authorization
73:3	addresses 28:13	65:7	28:4,8,13,15	77:20
above-entitled	adjourned 93:16	analysis 92:2	28:16 43:15	authorized 55:3
1:13	93:19	analyzed 71:17	45:19 52:5	automatic 31:15
absence 16:14	adjust 9:12 65:4	analyzer 31:16	56:15 81:20	31:22 32:12
35:3	administrative	analyzes 31:17	83:1 86:18,20	34:1,10,12
absolutely 42:4	9:20	Anna 1:18 3:8	88:13	73:2
60:15	Administrator	annual 83:10,10	arguments	available 27:20
accounting	10:13 13:4	84:12,18	58:21	27:22 90:11
57:14	admit 41:16	anomalies 60:21	asked 51:4 52:11	Avenue 1:9 61:4
accumulation	admitted 62:17	answer 9:7 80:9	54:2,6 61:13	86:15
19:2	64:12	81:2	61:16 63:20	aware 6:16 8:8
accuracy 41:22	adopt 24:22	API 60:3	72:4 76:2,15	51:22 52:14
accurate 33:11	affiliates 90:4	App 1:5	80:5 85:13	55:4,7,11,14
34:17,18 93:3	affirmative	apparently	asking 3:18	A.J 2:8 4:6
93:5	30:20	46:13 65:9	44:12	a.m 1:14
act 54:6	agencies 29:18	appeal 3:7 49:20	assistance 59:18	B
acted 17:21	Agency 1:1 2:6,8	60:19	59:19	back 20:10
action 8:2,10 9:3	2:12,13 3:3	Appeals 1:1 3:2	assume 23:5	25:12 30:6
9:11,15,17,21	10:7 45:20	APPEARANC	25:2 44:17	32:17 46:5
10:16 12:7,15	aggregate 68:2	2:1	Assurance 2:12	59:7,20 82:5
13:7,13,19	aggregated 68:5	appeared 47:4	assured 51:8	82:16 84:10,14
15:6,14 17:22	aggregation	50:9	ATG 34:15,20	Baltimore 86:15
18:4 51:9 54:2	57:4	appears 6:19	35:6,9 37:16	base 37:15
78:9	aggregations	47:20	37:19 38:2,3	based 6:14 39:11
actions 13:15	56:5	applies 26:10,12	38:20,22 39:10	62:6 84:17
50:22 53:4	agreed 85:15	apply 25:3,6	39:11 40:2,9	86:6,9
54:8	86:9 90:12	26:19	63:12 64:3,4,6	basically 9:11
actual 8:12,14	akin 11:3	appreciate 33:2	64:10,21,22	39:18 46:7
10:2 13:3	alarm 76:11	appreciated	69:5 74:13	62:18 64:4
25:14 35:13,14	alarms 76:9,13	63:22	75:1,3,15,15	basis 17:2 19:8
60:20 78:1	ALJ 16:4,8 17:1 17:11,12 18:2	approach 25:2	79:6,12,20	19:12 20:13
89:9,10	18:17 28:7	appropriate 31:14 51:15	80:1,8,14 81:8 81:9 83:4	22:17 26:19
adding 46:9 60:6	53:18 82:13	67:5	ATGs 41:22	28:13 30:16,22
addition 46:19	90:1,13	approved 12:16	58:10 65:9	31:9,10 59:6
59:4 62:1 75:5	ALJ's 16:20	approved 12.10 approximately	67:4 69:10,11	84:12 92:20
79:11,13,20	allocation 44:13	1:14 46:8	75:15,17 81:14	93:1
84:9,16 85:1	allow 25:1	78:19 93:17	ATG's 64:11	bear 54:21
additional 44:9	allowable 58:1	April 84:1	attached 26:21	beginning 34:6,7
48:15,18 54:4 71:1	allowed 58:5	Arch 2:9	27:2	34:11 62:7,16
Additionally	allows 28:19	argue 70:6	attempt 83:2	71:20 91:18
55:6	amended 87:9	arguing 4:4 9:22	attempted 65:18	behalf 2:2,6 4:9
address 28:8	87:11	45:8 79:22	67:13	45:19 88:14
39:4 41:21	American 56:19	argument 1:14	attractive 91:10	behold 68:11
58:20	amount 32:6	3:5,12,15 4:8	authorities	believe 9:7 14:19
30.20			1	
				

27:1 28:10	47:9 48:5,11	49:17,18,22	cite 55:4	41:20 47:7
31:13 51:2	60:18,19,19	50:1,8,12 52:1	cited 5:21 11:9	51:4 82:20
52:11 53:7	88:1	52:6,8 53:21	56:20 60:3	comes 17:13
54:9 55:1,22	briefly 46:3	54:3 66:5	62:11	22:10 67:1
68:10 74:7,8	56:12 86:13	71:20 80:1	citizen 7:17	coming 66:16
75:3,14,15,22	bring 18:4 25:12	81:22 82:4,18	11:10,11 55:17	78:17
76:9 80:20,22	51:22 52:6	83:18 89:8	citizens 54:11,15	commencement
81:11 82:17	bringing 4:21	cases 5:21 14:3	54:17	7:12 10:2
83:1 84:4	17:22 84:2	18:6 29:4	civil 10:16 13:7	commencing 9:2
believed 15:7	Buckner 62:2	54:12,18	13:13	10:15 13:6
87:12	84:20 91:21,21	cash 57:14	claim 85:21	common 74:8
Benjamin 2:7	92:5,13	cash 57.14	claimed 56:3	90:8,9
4:3 45:19	bunch 57:5 70:7	41:19	80:13	,
		•		commonly 64:11
Berko 9:7,18	76:1	causing 43:11	claiming 37:15	companies 90:8
10:1	burden 44:13,18	certain 32:6	89:9,10	90:19
best-case 53:13	business 29:22	58:15 66:12	clarify 89:4	company 34:4
better 63:7	buying 21:10	90:9	clear 10:18 17:6	44:18 46:7
beyond 48:21	C	certainly 15:16	53:9 56:4 62:2	90:5,15
62:22	C 3:1	36:7 49:16	75:8 76:12	compared 60:9
big 23:7		50:5 52:2,20	77:5 78:21	comparing 59:2
binding 53:19	calculate 66:22	53:18 54:14	84:16 86:16	comparison
bit 33:21 83:6	calculated 60:16	73:22 82:2	87:17	60:16 61:21
blame 47:9	61:5,10 62:3,5	certainty 43:7	clearly 17:9 49:4	compelled 16:6
blended 21:4	78:18	CFR 18:18,19	50:16 54:5	Complainant
24:17 27:7,7	calculating	change 66:19,22	56:1,18 61:20	4:5,18 9:1
blessed 36:6	62:14	changes 31:18	62:22 63:5	Complainant's
blind 78:11	calculation	65:5	79:15 83:16	59:15 60:20
blithely 79:3	60:15 62:5	characteristics	Clerk 2:16	62:20
Board 1:1 2:16	87:11	31:19,20 32:4	client 11:1 29:17	complaint 4:21
3:2 17:1,3	call 53:2 65:10	charge 71:21	30:19 32:19	9:20 12:19
18:17 47:13	86:5	Charlie 85:20	33:6,13,17	34:3,8 36:9
53:20 57:21	called 64:7	Charneski 12:4	34:4 37:14	87:9,11 88:17
Board's 3:14	67:20 71:14	47:20 58:18	41:3	88:21
book 19:10 61:4	85:19 86:1	85:9,15	close 49:1 66:5	completely
61:9	capacity 8:21	Charneski's	77:21	54:19 60:22
boots 86:17,19	care 81:15	47:14	closed 87:6	compliance 2:12
86:22 87:2	carefully 21:9	check 24:9,12	closely 77:16	46:11 47:7
88:16	case 4:22 5:11	31:21 37:10	collect 78:1	91:13
bottom 60:5,8	5:19 6:1,2,3,20	43:10 44:9	combination	complied 13:21
box 85:3	7:6,16,17 11:9	45:3 85:3	18:22 56:3,17	16:13 34:3,4
boxes 84:2	11:10,12,19	chief 51:21	57:2,4 73:4	70:1
branch 51:21	12:3,9 13:22	chip 67:19	83:17	comply 46:14
brand 75:18	14:9,11,15	choice 69:18	combinations	57:19 64:22
break 88:2,7,8	18:7 24:21	choices 69:9,17	56:5,6	computer 31:16
Brenntag 12:3	27:22 35:14	circumstance	combined 56:10	64:4
53:18,21	41:2 47:3	14:22 15:12	come 17:11	conceded 40:8
brief 39:1 46:2	48:20,22,22	29:3	20:10,20 37:2	concerned 26:1
	' '	27.5	20.10,20 5 , 12	

35:6 63:3	aontinuo 45:14	62:20 80.6	days 67,10,72,0	defined 20:3
į.	continue 45:14	63:20 80:6	days 67:10 73:9 74:20	defines 18:20
concerns 15:8 53:5	continued 33:17	Count 38:15,16	h	
concert 17:22	46:20	38:17,17,17	deal 19:19 67:16	defining 29:12 definition 19:22
	continuous	47:18 86:14	dealt 56:7 78:15	ł
conclude 17:7	67:20	93:8	decades 30:1	29:10,12 74:5
83:18	contract 65:16	counted 81:3	DeCARO 2:3,3	definitional
concluded 72:12	contractor 66:4	counts 34:2	3:21,22 4:8,11	18:20
conclusion 16:17	68:16 77:16	37:13,18,20	4:14 5:4,9,20	deliver 24:14 66:14
Conclusions	87:20	38:8,22 47:18	6:7,12,19 7:9	
16:21	contractors 37:1	80:7,19 83:8	8:3,16 9:14,18	delivered 24:9
	47:11,11	couple 28:3	10:12 11:7,11	deliveries 57:13
conditions 66:11	contracts 32:10	67:19	11:17 12:2	delivery 24:5,7
66:13 67:11	contradict 87:21	course 23:3 42:5	14:1,8 15:15	depend 80:8
conduct 29:15	control 19:16	42:6 49:11	16:10 17:5,10	depending 65:1 describe 8:14
conducted 16:8	23:10 29:16,20	66:20 67:9	18:14 19:21	
26:6	33:18 34:9,11	82:10	20:16 21:16	described 43:9
conducting 29:16	48:2 55:22	Court 4:16 7:17	22:22 23:14	describes 14:19
	56:10 57:9,17	11:9 18:7	25:5 26:12,22	72:22
conference 53:2	58:1,19 59:4	88:16	27:5 28:6,10	designed 73:22
confine 33:2	59:12 61:1,8	co-counsel 81:1	29:7,21 31:2	78:14
conforming 92:2	61:14 63:3	created 50:15	31:13 32:16	desire 13:1
92:6	78:16 79:8,12	credibility 16:22	33:8,17 34:6	despite 46:10
confronted	79:15,20 81:16	86:9	34:18 35:4,18	63:9
65:15	91:6,14	critical 58:22	36:16,22 37:9	destruction 84:6
confused 33:4	controlled 21:9	crossed 15:7	37:18 38:2,9	detail 46:6
41:16 48:5	conversation	cross-appeal	38:15,21 39:3	detect 20:14
conjunction	49:11	48:4,13 56:11	39:6 40:11,15	26:6 31:18
79:7	convert 64:18	56:14 58:16	41:6 42:4,12	32:2 73:3
connected 19:1	cools 32:9	cross-examina	42:21 44:5,22	74:20
connects 27:12	cooperated 54:1	51:2	45:10,13,18	detected 87:4
considered 80:2	cooperating	CSLD 68:10,15	51:3 70:9 78:6	detection 19:11
consistent 12:12	50:10,11	68:19,20,21	81:1,3 88:13	34:5,13 37:16
67:15	cooperation	69:3,4,13,21	88:15 90:6	38:16,19 43:20
constitute 57:2	49:1	77:8,13,13	91:20 92:10,12	57:11 67:21
Constitution 1:9	cooperatively	93:2	92:22	72:17 73:1
contain 19:2	54:16	culpability	decay 71:16	80:13,19 81:21
containing	copy 59:14	47:17	December 68:12	81:21 82:3
27:15	correct 5:1,4	cumulative 59:6	decided 72:7	83:5,8 85:4,6
contemplated	22:21 25:4	cursed 36:7	decision 28:9	87:7
61:1 64:9	37:12,16 69:3	cutoff 82:22	49:1	detector 83:11 83:20
contend 89:12	70:22 71:13	D	declare 70:19	i .
contending 6:13	78:6 79:5 80:6	d 2:7 3:1 73:1	71:9	deteriorating 43:4
content 10:8	86:10 91:16	daily 60:6 91:8	declaring 63:1 decreased 32:6	determine 22:7
14:10 contention 4:17	correcting 48:1 correction 48:7	data 42:13 92:1	decreased 32:0	22:8 23:1
22:16 26:8	corrective 78:9	day 5:3 32:18	defense 81:8	35:11,12,20,21
contents 56:7	counsel 3:12 4:5	40:4,4 65:12	deference 16:20	36:19 37:3
contents 50.7	Counsel 5.12 4:5	10.1,100.12	deference 10:20	30.17 37.3
			·	-

		·····		
40:20 60:10	49:18 60:1,3	57:14	52:20,21 53:2	71:18,21 72:4
73:10 74:12	documentation	Edward 1:19 3:8	53:4,6 54:1,2,5	72:6,8 76:15
determined 68:6	30:12 89:15	effect 16:15	54:16,17 55:18	76:18,22 77:17
developments	documenting	61:19	56:4,18 58:11	78:11 79:3
6:15	50:6,7	effort 46:13,15	60:2,6 61:13	81:7 82:12,19
develops 39:17	documents 49:8	either 70:4,15	61:15 63:7	83:2,12,20,21
device 31:16	50:1,3,6,14	85:19	64:9,22 65:15	84:1,18 85:10
43:22	60:20 61:12,15	elaborate 18:15	65:17 71:13,20	85:14,17,18
diesel 21:6	61:19 62:11	63:21	72:6 77:3,15	86:4,11 88:2
different 24:14	91:4,7	elements 87:13	77:18 78:6,18	89:16 90:3,18
27:12 29:3	doing 30:15 31:8	empire 46:8	79:19 80:2	90:19 91:6,7
50:20 60:22	51:8 58:8,18	employees 50:20	82:17 83:9,17	91:16,22
66:17 83:6	61:11 62:9,10	enable 20:13	84:1,5 85:16	Euclid's 48:1
90:17	64:21 67:15	enacted 12:5	86:10 87:9	52:5 59:1,4,12
difficulty 15:10	72:16 76:17	enforcement	88:1,7	60:14,16 62:1
28:18 29:6	77:2 79:11	2:12 7:12 8:10	EPA's 31:5 46:4	63:2,4,20
72:19	81:15 82:14,16	9:2,11,15,16	47:1 56:8	64:12 65:15,16
dig 11:19 39:1	82:21 86:3	9:21 10:3 12:7	57:19 63:9	66:1,3 68:9,15
39:19	dollars 67:19	12:15 17:22	72:1 78:17	69:21 76:13
direct 21:11	double-wall	50:21 51:20	85:9	80:5 81:12,20
directed 28:14	69:17	53:3	equally 8:3	87:20 91:13
28:15	double-walled	enhanced 47:16	equipment	EURIKA 2:15
directive 9:12	86:21	ensured 40:18	46:16,17,22	evaluate 41:20
directly 59:12	drain 52:7	entire 26:10,13	47:6,12	evaluating 91:13
discovered	draw 7:14 15:16	26:14 28:11	equipped 77:8	eventually 61:17
87:17	16:6,16 35:2	29:13 82:8,13	equivalent 79:13	77:17 80:14
discrepancies 20:18	85:10 drawn 8:4 16:3	entitled 25:14 48:16	erroneous 17:9 error 17:7	evidence 4:19 5:8 6:21 7:7
	drawn 8:4 10:3	1		16:9 17:7 18:8
discrepancy 22:18,22 23:2	driving 23:16	enumerated 69:6	ESQUIRE 2:3,7 2:8,11	30:18 41:1,7
23:11 24:4	drop 75:21	environment	essence 81:22	41:10,14 43:12
discrete 28:2	dry 39:19	79:1	essentially 34:17	43:17 44:2,16
discretely 20:8	DURR 2:15 3:2	environmental	39:10 60:5	53:22 71:18
discuss 33:10	93:15	1:1,1 2:6,8,12	64:15 82:12	76:12 80:11
52:22 53:1	D'Angelo 2:8	2:13 3:3 45:20	establish 5:16	82:19 83:9
discussed 60:18	4:6	55:8	established	84:17 85:9,16
discussion 7:21	D.C 1:2,9 2:13	envision 14:22	82:18	86:7,15 87:17
8:1 28:11	9:7,22 50:12	EPA 4:3 5:6 7:5	estate 90:20	87:18 88:21
37:21	50:13 79:14	8:2,9 9:9,13,14	Euclid 1:5 2:2	91:1 92:20
discussions 15:4	82:9,10	9:19 12:12	3:5,13,16	93:2,4
15:5		14:21 15:6	36:21 46:7,22	evidentially 7:15
dismissed 7:18	E	17:21 19:10	47:4,8,15	evidentiary
dispenser 27:10	E 1:19 3:1,1	30:21 31:5	50:13 56:4	15:19
dispute 5:8	early 31:6 77:20	46:20 47:3	57:3 58:18	exact 38:21
distinction 14:5	easier 57:6	48:9,15 49:2	61:11,17 62:17	exactly 36:6
Docket 1:6 3:6	easily 39:8	49:19 50:16	65:8 67:13	41:1
document 49:12	economic 21:11	51:1,8,22 52:6	69:1,7,19	examination
		<u> </u>	<u> </u>	<u> </u>

35:22	44:2,15 81:22	40:18,19 41:3	filled 65:21	79:2 90:1
examined 55:16	82:4,18	41:8,18 43:2	66:12	four 21:1,4,14
example 25:13	facilities 21:15	43:11 44:6,10	finally 66:4	21:21 23:7
27:17 59:22	27:14 30:4,5	44:15 45:2	67:13 85:8	26:15,16,17
60:2,3	41:9 67:2,3,5	71:22 72:3	financial 89:3,6	65:3
exceptions 27:1	68:14 69:13,14	75:12,16 76:6	90:3,7	frankly 14:17
excerpts 8:12	69:20,21 72:3	89:20	find 10:5 65:11	Frederick 86:14
exclusively	76:13,20 83:12	failing 42:16,19	68:18 69:15	full 23:17
34:13	83:13 85:6	43:15 70:4,10	70:21 72:20	further 89:1
excuse 24:6	87:13 88:3,8	71:21 77:11	74:21	93:11
exhibit 59:16	90:21	fails 71:19 72:9	finding 47:14	
60:21 62:21	facility 20:22,22	76:8	48:8 72:19	<u>G</u>
64:2	21:6 23:6,21	fallback 36:13	findings 16:20	G 3:1
exist 24:4 35:19	25:3,6,7 26:10	false 71:10	16:21 17:3	gallon 20:19
43:5	26:13,14,15	far 5:12 9:22	fine 31:9	gallons 22:11
existed 40:1	27:18 29:13	26:1 35:5	finish 45:15	23:18,19 26:7
existing 91:18	32:16 58:11	68:22,22 89:3	finite 23:17	27:20,21 60:12
exists 16:8 48:14	68:12 69:12	faulty 44:1	first 4:16 5:2,3	64:19
expands 32:9	75:22 76:3,19	federal 55:7	30:7,9 31:5	Gary 2:11 4:6
expensive 67:18	77:7 79:16	federalism 12:20	59:1,9,22	gas 46:8,10
expert 67:3	80:15 81:9	feels 48:16 57:5	83:22 87:9,11	57:10 71:4,8
expertise 47:6	84:13 86:15	fewer 35:7	five 3:16 4:12	71:12
experts 33:20	88:5	FIELD 45:22	65:3,20 82:16	gasoline 21:10
expire 58:4	facilitywide	53:17	five-year 34:7	21:20 22:1,12
explain 46:22	20:13 22:17	Fields 2:7 4:3,3	fix 39:21	23:17,18,19
47:1 48:11	23:10 25:2	45:19 48:9	floor 75:21 76:2	24:8,14,16
59:8 82:20	26:19 28:13	49:15 50:2,5	flow 87:3	39:21 57:13
explained 64:15	29:19 30:10,22	51:17 52:16	flowing 26:16	64:16 66:15,15
66:4	36:15	55:1,14,21	flows 57:1,14	gathered 91:22
explanations	fact 11:13 16:4	56:16 59:10,21	flow-through	gauge 31:15
50:17	17:2 26:5	63:12 64:1	26:7,14	32:1 34:12
explicitly 13:11	44:19 47:14	69:4 70:5,14	focus 6:3 14:5	gauging 32:12
13:18	50:21 51:22	73:8 74:7,15	focused 52:11	34:2,10 73:2
express 12:21	57:16 60:17	75:3,14 77:12	follow 41:16	gee 71:6
expressed 15:8	64:11,12 65:22	78:5 79:10	44:7 47:1 51:4	general 51:19
extensive 8:7	66:9 68:15	80:10,20 81:4	followed 40:19	62:1 71:10,13
83:22	69:21 71:19	81:6 82:2 91:5	42:15 85:9	74:13 81:12
extent 12:7 39:9	76:17 78:11	91:9,15	following 15:11	91:21
41:14 43:12	83:3 85:11	figure 22:20	forever 82:6	generally 27:2
68:21 90:9	86:11 90:15	23:12	form 6:11,12	28:2 54:15
extrinsic 35:21	factor 24:6,7	file 49:19 50:1	10:3,8 53:11	70:17 76:10
F	factory 24:6	54:17	formal 49:16	germane 42:7
F2:3 88:13	facts 16:20,22	filed 12:19 14:12	52:17 53:6	gestalt 89:16 getting 22:9 33:4
face 62:20 85:8	fail 70:5,15 75:5	14:15 47:3	84:18 90:2	41:2,18 42:11
85:18 86:8	76:10 77:14	files 49:19	forth 26:18	42:13 62:18,19
facie 5:17 43:16	failed 35:1,8,9	filing 9:20 36:8	found 17:1 53:1	65:12 66:5
14016 3.17 43.10	35:10,20 36:12	51:9	72:3 76:1,6	05.12 00.3

	I	I	<u>, , , , , , , , , , , , , , , , , , , </u>	
67:14 69:5,8	58:10 69:22	63:11 66:6	impact 24:21	52:22
73:11	83:4	68:8,11 80:17	implement	inspector 51:13
give 10:13 13:4	governing 28:12	81:12 92:18	69:16	inspectors 72:1
13:11,17 16:20	grade 27:16	93:16,18	import 16:18	72:2
38:21 50:4	grades 24:16	heat 32:8	importance	install 68:19
52:14,17 76:11	greater 83:15	heats 32:9	48:13	installation
81:4	greatest 32:17	held 37:14 50:12	important 47:22	47:11
given 10:19 11:4	ground 39:19	high 69:14	57:8 79:4	installed 40:5
11:6,8 12:20	66:17	higher 51:21	imposed 18:16	68:22 80:14
12:21 13:15	guarantee 89:7	highway 27:18	impossible 58:9	installing 42:8
14:6 16:15	89:8,11,15,19	high-level 52:4	improper 29:20	67:17 68:19
17:2,12,15	guaranteed	hired 41:11	included 52:3	instance 49:10
18:3 49:4,9,10	89:13	65:16 77:17	86:4 88:4	52:2 61:3
49:13 52:18	guarantees 90:2	history 54:21	including 8:19	66:14 71:4
53:7,10 54:12	guess 12:17 14:1	55:2 72:4	18:6,22 49:18	74:19 80:12
54:13 55:10	29:4 35:14	hold 23:17,18	incomprehens	83:14
78:21 85:2	38:3 43:6	holding 5:18,20	61:20	instances 12:14
91:19	88:16,18,20	5:22	incorrect 79:9	46:16 54:10
gives 74:17	90:10	Holstrom 7:16	increase 48:6,10	57:22 65:8
giving 14:14,16	guidance 19:10	Honor 4:1,14	48:12	70:1 75:17
38:18 54:4	51:15,18 56:8	5:5,9 7:10 38:9	indicate 43:21	77:4
go 19:14 22:19	56:18,20 60:1	81:6	indicated 43:3	Institute 56:19
23:12 39:22,22	guidances 48:17	Honorable 1:17	77:10	instituting 66:6
41:11,19 46:2	62:11	1:18,19 3:7	indicates 40:3	intended 56:2
46:5 56:13	guidelines 22:5	Honors 46:1	indicating 32:7	57:18
59:11 66:7	53:9	hook 64:8	indication 8:8	intention 13:12
77:20 88:16	H	hooked 64:7	industry 62:13	interest 21:11
goals 20:14	half 60:13	hours 65:3,3,20	infer 40:14	interested 63:11
gobbledygook	happened 41:2	66:1 67:7	inference 7:15	interesting 87:8
62:19	42:5,7 72:14	Howell 2:3	8:4 15:17 16:3	internally 76:11
goes 10:1 78:8	72:16 76:13	huge 62:21	16:5,6,7 17:13	interpretation
82:5	77:15	human 73:13	35:15 85:10	24:22 29:19,20
going 7:8 9:2,10	happening		inferences 35:2	30:21 45:9,11
9:13,14,19	52:22	idea 72:10,14,15	83:17 86:6	74:9
13:19 14:12,15 18:4 23:4	happens 70:18	78:12	inferred 82:14	interrelations 7:5
25:19 31:10	hard 14:21	identical 11:13	infers 40:17 44:2 informed 9:19	introduced
51:1 54:6	61:10 83:1	11:16	initial 17:18	87:18
59:17 61:8	harmed 79:1	identified 78:7	28:8 58:5	
65:6 66:5,16	Harmon 5:11,19	ignored 76:14	28.8 38.3 initially 7:21	introduction 46:2 59:11
67:10 78:11	hazardous 12:5	ignoring 79:3	initiate 13:13	invalid 67:1,12
81:4 84:10,14	head 64:6 80:21	III 2:9 4:4,6	initiated 8:2	73:16 75:4
87:3,4,6 88:4	heads 52:4	illustration 9:6	input 12:15 13:1	invalids 72:9
89:12	hear 73:13	imagine 37:1	input 12.13 13.1	inventory 19:16
good 3:11 45:21	heard 16:9	48:20	inspected 30:1,5	23:10 29:16,19
45:22 81:16	hearing 3:4,12	immediately	inspection 29:10	30:13 33:18
gotten 8:22	5:3 16:9 47:9	58:8,10	inspections	34:9,11 36:14
550000000000000000000000000000000000000		,	inspections	71.2,11 30.14
	· · · · · · · · · · · · · · · · · · ·			

26.15.49.2	12-4 12-2 14-4		49-12-90-17	00.10
36:15 48:2	12:4 13:2 14:4	K	48:12 89:17	90:19
55:22 56:10	14:17 16:2,19	Kathie 3:8	largest 21:6	line 60:9
57:9,17 58:1	17:6 18:10	KATHY 1:17	late 69:1 80:16	lines 15:8
58:19 59:1,2,4	19:15 20:10	keeping 63:19	latest 32:11,17	line-leak 83:11
59:12 60:7,14	21:13 22:15	77:21 82:8	law 6:15,20	83:19
61:1,7,14 63:3	23:5 24:18	kept 41:17 85:11	Laws 16:21	line-release
64:14 65:11	26:2,20 27:4	key 57:11	lead 7:5,22 8:5,9	81:21 83:5,8
76:22 78:16	28:4,7,17	kick 75:20 78:10	9:10,15 70:11	85:4,5
79:7,12,15,19	29:17 30:17	kind 4:19 8:9,21	70:12	line-tightness
81:16 91:6,14	31:12 32:14	10:3,5 12:14	leading 36:8	83:19
91:18 92:14,16	33:1,16,22	14:14,16 15:11	leak 22:7 31:21	liquid 31:19
investigate 71:9	34:14,20 35:16	15:12,17 16:16	31:22 32:3,7	32:4,6
71:22	36:10,20 37:7	20:20 29:2,15	34:13 35:13,21	list 4:17
investigation 8:6	37:12,22 38:7	32:10 44:9	35:22 36:19	listed 85:6
8:7 70:12,21	38:12,18 39:2	46:2 52:11,13	39:18,21 40:16	litigated 54:9
investigators	39:5 40:6,12	65:19 82:22	40:21 41:12	little 33:4 41:15
8:20	40:22 41:15	83:1 84:12	43:2,4 44:8	48:5 68:22
involved 7:4	42:10,18 43:14	knew 50:10 54:5	63:1 67:20	79:18 83:6
34:8	44:11 45:5,12	71:3 77:19	70:17 73:4	Lo 68:11
involvement	45:15,21 47:14	know 18:6 20:4	74:20 78:7,22	located 90:21
31:6	47:20 48:3	20:19 21:2	leaked 40:3	locations 42:9
involving 48:22	49:3,21 50:4	22:1 23:15	leaking 22:20	logical 62:12
Island 61:4	51:10 52:9,10	24:8 27:9	43:1 68:7	look 7:16 10:11
issue 4:17 5:2,8	53:12 54:20	28:12 33:5	70:16 71:17	11:18 12:3
6:2 9:22 13:12	55:6,20 56:13	36:4 37:11	73:10,12,14	14:2,9 17:17
13:19 17:4	58:17 59:8,17	39:7 40:22	74:4,10,12,22	18:6 19:22
18:12 30:7,9	63:10 69:2	41:4,9 42:18	78:13,20	24:18 38:11
38:5 46:5 50:9	70:3,8 72:18	43:2,6 55:17	leaks 20:14	53:13 61:3
54:9 80:8	74:5,11 75:1	72:8 73:17	35:14 78:15	72:22 90:13
issued 9:11 14:7	75:10 77:7	74:10 76:4,17	led 83:17	91:12 92:14
issues 15:9 56:11	78:3 79:5 80:4	80:18 86:2	left 45:4	looked 31:7
57:11	80:18,22 81:5	known 5:7	legislative 54:21	looking 14:18
issuing 10:15	81:18,19 83:18	knows 74:3	length 60:18	23:22 24:20,21
13:6	85:9,15 86:9	Koo 90:11 92:1	Leon 91:20,21	26:3 30:17
	88:12 89:22		lessees 57:15	40:6 72:20
J	92:8,11,19	L	lessors 57:15	77:3
Jackie 75:22	93:11,14	L 1:18	let's 23:5 24:2	looks 17:12 64:3
January 14:19	Judges 3:8	lack 7:18,19	level 20:21 43:7	loss 21:12 60:8,8
joined 56:22	jurisdiction 7:18	82;1,4,5 89:19	51:12,14,15,21	62:14
Jonesi 2:11 4:7	jurisdictional	lacked 90:2	64:18 65:4,6	losses 60:16
JR 2:3	4:20 5:14	language 8:5	65:11 66:12	lot 42:13 65:8
judge 3:11 4:2	11:14	10:9 11:13,14	91:21	
4:10 5:1,6,18	jurisdictions	11:16 13:8	liability 48:8	<u> </u>
5:22 6:10,17	4:20 7:3 8:18	14:9 19:18	90:8,15,19	machine 27:8
7:1,20 8:13 9:5	8:19 12:18	20:11 25:15	liable 37:14	40:10 64:16
9:16 10:4,22	30:14 36:7	28:21 29:9	liked 56:6	66:20 67:22
11:10,15,21	justify 25:15	large 23:1 24:13	limited 90:7,15	68:4 74:1,3
	<u> </u>		<u> </u>	<u> </u>

, 	 I	 [<u> </u>
76:5,8,10	meaning 36:11	87:10,16	necessity 5:12	19:20 20:4,5
machines 77:1	means 18:21	mistakenly	need 22:16	23:17 25:20
main 31:21 64:6	39:16 89:20	87:12	27:15 55:2	37:20 84:17
maintenance	measured 62:15	model 32:18	58:6 59:18	numerous 46:20
84:14	measures 65:4	68:6	65:20 66:10,11	46:21
major 27:18	measuring 19:19	moment 64:17	66:12	NW 1:9
majority 29:5	20:12 32:3	64:19	negative 31:11	
making 21:12	meet 15:18	money 47:5	61:6,8	0
49:1 51:16	89:18	68:18	neither 25:22	O 3:1
malfunction	meeting 30:8,9	monitor 73:9	net 89:10,17	obligation 35:17
70:22,22 71:4	72:6 89:5	74:18,21	never 18:2 81:13	35:18
manager 62:2	meetings 14:20	monitored 73:18	83:4	obtaining 33:11
81:12 91:22	15:3,21 46:21	monitoring	new 32:2 58:14	47:5
manifold 27:19	50:6,13 52:3	43:19,22 63:15	newer 42:1	obverse 40:7
manifolded	84:1	73:11,21 74:2	Nos 3:7	obviously 53:19
27:11 28:3	meets 17:15	74:6,9,11,17	notes 50:7 83:7	occurred 10:14
29:2	member 90:18	month 41:18,18	notice 6:5,11,11	13:5 43:17,21
manner 91:16	memberships	53:1-60:6 62:4	6:13,14,18,20	44:3,19,21
manual 36:13,14	90:16	62:14,16 66:7	6:22 7:8,11,11	OECA 4:7
manufacturers	message 79:13	67:9,14 68:3,7	7:11,19 8:14	office 2:12 50:13
47:12	method 19:11	75:9 77:22	9:1 10:2,6,8,10	52:4 76:2
Marlboro 2:4	25:16 33:18	80:3 91:19	10:13,17,18,20	79:17
Maryland 2:4	35:12 38:4	92:5	11:1,4,6,7,12	official 8:21
30:4 60:13	43:9,20 57:9	monthly 26:5	11:22 12:22	officials 8:18
79:14 82:9,11	58:2,3 63:6	59:3,5 60:17	13:3,4,12,15	Oh 31:8 71:6
materiality 6:5,9	67:16 69:15,16	61:22 62:3,5	13:17,17 14:6	oil 21:22
6:10	73:5 78:17	62:10 91:17	14:10,11,14,15	okay 18:10,14 22:13 31:12
materials 11:20	81:16	93:1	14:16 15:1,2	
matter 1:4,13	methodology	months 75:6,7,9	15:14,16,17	33:15,16 39:2 45:12 81:5,18
3:13 5:17	20:19	month's 60:9,10	16:15 17:2,12	89:3,14
maximum 21:14	methods 36:18	92:16	17:14 18:3,3,8	old 2:4 83:15
21:17,20,21	36:21 43:8	morning 3:11,13	18:9,12 48:19	once 19:21 22:5
MDE 76:1	48:2 69:6 73:1	45:21,22	48:20 49:5,8	22:18 23:10
mean 8:10,11	85:3	move 18:11	49:13 50:4	36:5 42:10,12
9:5 10:7 11:2	mid-grade 21:4	31:14	52:15,17,18	65:15 66:7
11:18 14:1,13	21:5,19,19	multiple 20:3,4	53:6,8,10,14	67:14 76:15
15:16 16:8,21	mid-1980s 84:15	50:16,17 67:8	54:4,12,13,22	ones 32:2 75:19
19:6 21:17	Mill 2:4	multistate 52:8	55:9,18	83:21
22:10 24:2,20	mind 39:7,7 63:2 63:19	N	notification 5:13	one-year 39:13
25:18 29:1 30:8 32:8 36:4	03:19 minimum 23:22	N3:1	50:15 51:16	on-hand 62:4
41:1 42:22		name 3:21	notifications	open 67:7 87:6
L.	minor 65:5 minute 20:12	names 3:19	50:18 85:2,5	operated 66:1
45:1,14 52:20 55:15 57:18	38:10,13	national 52:13	notified 4:19 52:19	operation 89:17
59:10,19 70:4	minutes 3:15,16	nature 39:20	notify 51:12	operator 85:20
75:17 80:11	4:12	necessary 4:18	number 5:10	opinion 17:18
90:9,13,14	mistake 47:21	12:8 47:5 53:8	12:13 14:20	53:18
70.7,13,14	mistake 47.21	12.0 17.0 00.0	12.13 14.20	
<u> </u>	•	-	-	-

(202) 464-2400

				<u></u>
opportunity	59:13 67:17	period 22:6 34:8	58:17 63:21	71:15
12:6,20,21	75:18 78:22	38:5 42:6,6	68:3 71:5	presumably
opposed 11:2	85:20	58:15 65:1	78:18 82:17	42:3 44:17
26:11 27:21	particularly	70:21 71:16	85:7 87:22	pretty 58:19
52:15	63:11 79:14	82:8,10,13,22	88:22 90:1	previous 32:18
opposite 16:6	parts 47:18	85:2	91:2,4 92:21	62:4 75:11
options 74:18	party 3:19	periods 57:22	pointed 12:13	92:16
oral 1:14 3:4,12	pass 35:5 77:14	68:1,1,4	52:5	prima 5:17
4:8 6:18,20,21	passed 78:2 92:1	permissible	points 63:21	43:16 44:2,15
45:19	passes 72:9	30:22	policy 48:17	81:22 82:4,18
orally 49:10	passing 34:16,21	permit 23:9	49:8,16 51:11	primary 82:3
52:15	39:11,15 40:2	person 50:3	51:19 52:12,13	print 75:20
order 3:14 5:16	40:9,13,16	85:20 86:1	84:6 88:6	prior 10:15 13:6
10:15 13:6,12	42:11,14,17	personally 25:21	position 6:17	13:13 14:6
13:20 14:6	63:15 70:4,13	personnel 64:12	12:11,12 34:1	75:9 78:17
58:7 79:6	71:8 72:21	petroleum 56:19	44:12 46:4	80:16 85:15
84:22	75:2,4,6,8	74:16	80:9	priority 46:12
orders 68:16	77:11 78:4,5	Philadelphia	positives 71:11	private 54:17
organization	80:2 81:14	2:10	possibility 16:7	probably 23:22
21:8	82:12	physical 32:4	28:19	71:6 76:19
outfitted 68:9,15	Pause 38:14	pick 45:16	possible 81:8	82:15
overall 46:4	PC 2:3	pieces 84:17	post-hearing	probes 64:8
overfiling 6:4,8	penalties 48:18	pipe 27:12	60:19 87:22	69:18 73:20
12:9,10	penalty 48:6,10	pipes 19:1 86:22	potential 44:16	problem 23:13
overturn 17:3	48:12,15,17	place 8:1 14:20	potentially	25:17 54:14
Owen 14:18	87:10 88:1,6	32:15 49:13	46:17	67:17
Owens 15:20	penaltywise	57:17	practice 17:1	problems 32:20
owned 90:7,16	47:21	places 19:20	practices 62:13	33:6,10 59:1
ownership 90:8	Pennsylvania	25:20	precedent 53:13	procedure 36:5
90:9	2:10	plain 29:8	predict 57:12	36:6
n	people 41:11,13	plaintiffs 54:16	premium 21:3,5	proceed 4:11
P	41:20 52:3,4	planned 71:21	prepared 55:4	proceeding 7:13
P3:1	58:7 71:11	planning 13:18	preparing 15:22	process 15:22
page 17:18,19	76:2,20	plans 49:19	preponderance	24:7 25:19
Panel 11:18	people's 50:7	51:22	85:16	41:19 93:6
18:15 91:12	percent 26:7	plead 5:16	prerequisite	product 21:2,12
paragraph	60:12,13	please 3:10 4:16	4:21 5:14	21:21 26:17
17:20	perform 19:7	88:15	11:14	27:16 56:22
part 41:5 58:16	20:8 26:9 37:3	plenty 69:17	præsent 2:14	program 12:6
partial 87:13	37:10,11 44:9	90:22	68:4 81:9	52:21 65:18
partially 37:19	92:5	plus 26:7 60:12	presented 90:14	84:19
38:1	performed	point 10:19 13:9	90:14 91:1,5,7	programmed
participate 12:6	20:17 59:13	13:10 18:15,17	91:9	65:13
particular 10:3	77:9 83:20	38:4,5 41:21	President 63:4	programs 55:3
13:20 16:4 24:21 25:13	91:17 92:2,6	49:4,17 53:8	pressure 65:5	promulgated
49:22 53:10	performed/test	53:19 54:19	71:16	35:12
47.22 33.10	78:2	55:12 57:8	pressurized	proof 22:14
		1	<u> </u>	

		<u> </u>	 	·
proper 44:12	Q	39:12 71:6	52:14	43:17,20,21
45:8,10 46:15	question 9:8	84:4	Region's 81:22	44:3,16,19,21
46:17 47:5,6	26:3 48:4 51:3	reasonable	regs 63:8,9	57:11 70:20
51:20 72:7	53:14 78:9	29:14 35:2	70:19 73:6	71:2 72:14,16
83:4	80:5,9	reasonably 16:3	78:17	73:1 79:2
properly 44:20	questions 18:12	rebut 86:6	regular 21:3	80:12,19 87:3
46:18 82:13	46:4 52:10	rebuttal 3:17	24:16 27:20,21	reliably 32:13
prophylactic	54:11 55:22	4:13 39:4	regulated 19:2	relied 38:22
79:4	63:19 86:14	45:17 88:13	25:7	rely 25:14 39:9
protection 1:1,1	88:11 89:2	recalculated	regulation 12:17	43:18
2:6,8,12,13 3:3	93:12	88:1	19:7 79:11	relying 34:1
45:20 58:2	quickly 58:7	received 9:1	regulations	38:20 90:4
prove 5:16 22:13	quite 33:20	recommends	18:18 19:5,9	remember 6:1,3
44:8 48:15	81:10	60:6	19:12,22 20:6	37:19 86:3
proved 85:16		reconciliation	20:11,15 23:3	remind 57:21
provide 72:4,5	R	22:3,6 30:11	23:9 24:19	removed 84:5
provided 6:21	R 3:1	30:13 62:10	25:1,8,15,17	repeatedly 30:5
6:22 23:2	raised 5:2 28:5	record 7:20 8:10	25:22 26:3	42:2 61:13
provides 7:7	55:22 81:8	9:4 10:17	28:12 29:15	report 72:13
12:4 19:10	ran 74:1	15:12 17:8,20	36:3 43:10	reporting 70:20
providing 30:12	range 65:2	18:2 30:18	45:1 46:11	represent 3:20
32:20	rarely 37:5	31:1,3,3 33:3,5	47:1,2,15 56:1	3:22
provisions 55:17	rate 73:4	33:7,9,9,14	56:21 57:20	representative
public 22:2	RCRA 1:5 3:6	37:8 39:13	58:6,7,11 60:4	7:2
pull 40:2 77:4	54:21 55:8,13	41:14 43:12	61:2 62:12	request 30:20
pump 27:8	RCRA-3-2002	48:1 64:13	64:10 69:7,16	31:11 36:1
39:18	1:6 3:6	66:3 84:6 91:4	70:2 72:20	require 10:6
pumped 65:22	read 5:10 8:11	91:12 92:17,21	74:6 78:14	23:4 29:9 55:8
71:4	14:13 29:8,14	93:2,4	regulatory 60:11	55:18 71:14
pumping 71:7	readable 91:11	recorded 63:16	62:22 69:3	79:15
71:12	reading 39:11	records 31:7	Reich 1:19 3:9	required 6:14
purported 48:1	92:16	72:5 76:16	5:22 6:10 7:1	7:11 8:15
purpose 11:22	readings 33:12	77:21 82:1,4,5	7:20 9:5,16	15:18 18:5,9
54:22	64:14 92:15	82:8 83:21	13:2 14:4	63:8,13 69:7
purposes 53:15	readout 74:1	84:2,5,9,14	34:14,20 35:16	69:15 72:13
56:10 63:2 64:5 80:1	ready 78:14	85:11 86:3,4	41:15 42:10,18	requirement 12:1 16:11
	real 56:12 86:13	86:11 92:17	45:5,12 49:3	18:16 39:13
pursuant 3:14 put 4:18 42:10	90:20	regard 9:21 17:20 55:21	49:21 50:4 51:10 52:10	49:6,6,12
42:12,15 59:14	realize 22:18 55:12	regarded 43:16	70:3,8 75:1,10	53:16 54:22
59:20,22 62:7	really 6:2 15:10	regarded 45:16 regarding 28:11	relating 19:16	69:3 72:21
64:1 65:17	33:1 52:19	30:13 91:5	relationship	74:13,14
92:17	55:16 65:17	region 2:9 4:4,6	63:14	requirements
putting 5:7	80:10,17	34:15 44:14	relatively 47:21	17:16 36:1,2
41:22	real-time 92:20	49:7,15 52:16	67:18	70:7 89:6,13
Pyle 85:21	reason 10:21	regional 52:12	release 26:6 34:5	89:18,20
p.m 93:18	21:9 23:2	regions 43:15	37:15 38:16,19	requires 79:19
1	21.7 23.2	10810110 10110	37.12 30.10,13	- 34

***	•			
resale 21:10	73:14 75:2,6	73:14 89:16,19	serious 51:5,7	Simultaneous
reserve 3:16	76:7 77:3,4,9	89:21 92:9	seriously 79:1	37:21
4:15	77:10 78:4,6	says 7:17 10:12	service 62:8	single 25:10 41:8
reserving 4:12	80:15 82:12	13:3,13 17:14	session 3:4	82:11
resolve 53:14	83:10,11,13	17:19 18:2,2,3	set 58:3	sit 89:12
resource 15:9	85:14	19:5,7,9,13	seven 37:13,18	sits 64:7
52:7	retain 39:12	43:19 56:8	80:7	situation 8:6
resources 90:3,7	retained 83:21	68:4 73:9	sheet 59:13 91:9	12:10 21:7
respect 18:14	retention 39:13	79:11	sheets 60:14	28:1 43:5 70:9
52:9 91:13	retest 35:17,18	screen 59:20,22	91:8,11 92:13	situations 32:20
respective 26:18	37:11 70:13	seated 3:10	shift 44:18	size 65:2
respond 56:15	retrofit 69:19	second 17:20	short 14:22	skip 59:11
respondent 2:2	93:6	18:15	shorter 68:1	small 20:14,18
3:22 4:9 20:17	Rhode 61:4	seconds 45:3	shortfalls 62:21	47:21 48:13,14
22:4 25:14	Rian 76:1	section 10:16	shortly 66:15	software 67:18
29:14,22 33:11	right 5:17 11:7	13:21 18:18,19	68:11	sold 22:11 24:17
40:17 41:11	11:11 17:11	18:20 29:12	show 30:19 34:3	sole 38:4
43:13 88:14	21:16 25:8	see 9:12 10:7,9	44:18 56:1	somebody 51:14
89:9 90:10	39:5 40:11	11:3,5 16:5	60:21 61:14,21	somewhat 47:16
Respondent's	44:22 45:1,6,7	23:16 38:15	63:17 71:1	sophisticated
20:22 33:20	45:8 48:9 55:5	43:10 71:17	76:16,16	31:15
response 18:13	66:11 67:10	73:13	showed 7:20	sorry 8:12 12:3
47:8 53:5 69:9	92:10 93:3	seeing 29:6	53:22 80:11	39:3 93:8
71:19 93:13	rise 93:15	seeking 48:6,10	showing 60:15	sort 5:15,17 8:4
responsibility	road 2:4 23:16	seen 81:13	62:21 64:2	31:11 57:17
7:6 89:4,6	role 9:10	sees 65:6	70:13,16	69:5 70:15
result 35:20	roll 91:8	self-insurance	shown 62:11	74:16 88:9
36:11 39:11,16	rule 76:8	89:18	shows 17:21	speak 41:9 43:15
40:2,19,20	ruled 54:3 58:18	selling 21:19	34:20 35:19	44:4 52:21
41:3,8 43:3,11	rules 64:22 78:9	22:1	60:22 83:9	81:19 86:13
43:16 44:6,10	79:4	semblance 88:3	shut 66:7	speaking 27:2
61:21 69:5,6,8	run 32:1 64:10	send 57:12	sic 24:6 50:17	28:2
69:22 70:3,4,6	65:13,19 67:8	sense 74:8 86:21	side 3:15	speaks 13:8
70:10,11,13,15	67:13 71:7	sensor 87:14	significance	82:19
71:8 73:16	runs 75:19	88:9	19:17 49:7	specific 16:11
75:8 77:13,14	rushed 58:11	sensors 31:17,17	63:16	25:13 28:22
80:1 81:14		86:17,20 87:5	significant 6:2	46:3 49:17
83:4,15	S	87:5,15,19	65:7	51:3 55:12
results 34:16,21	s 3:1 50:13	88:16,18,20	silent 10:10	64:10 70:21
40:9,13,16	sales 21:2 60:10	sentence 45:16	similar 11:12	74:12 78:7
41:18 42:11,14	62:6	separate 20:8	53:22 60:2	specifically
42:16,17,19	satisfied 89:14	27:6,6 29:9	simple 16:14	16:13 19:6
43:20 59:3	satisfy 53:8	separately 56:8	42:22	44:11 50:3
63:15,17 65:13	saying 21:13	September 1:10	simply 8:21 9:3	52:6 55:15,18
65:18 67:15	33:14 36:13	68:10,12	10:18 16:7	56:20 58:3
68:13 71:22	44:14,17 45:7	series 15:3,4	18:17 45:2	77:13
72:10,21 73:11	50:14 69:2	52:10	48:7	specificity 10:5
, , , , , , , , , , , , , , , , , , , ,				

73:6	67:7 92:15	20:2,3 23:20	Supreme 7:17	27:6,15 28:20
specified 53:11	stations 46:8,10	24:15 39:17	11:8 18:7	28:22 29:11,11
speculation 41:5	57:10 66:1	79:18	sure 6:16 8:7	29:12 31:15,18
spend 47:4	68:9 90:21	store 75:1,4,5,9	21:12 38:12	31:20 32:1,1,5
68:17	statistical 67:20	75:16 76:8,9	41:12 45:6	32:12 34:2,10
sporadic 84:11	68:6	85:19	51:19 53:6	34:12 37:3,4
sporadically	status 53:3	stored 35:3,5,7,9	80:10 81:10	38:16 39:16,16
84:20	statute 5:13 10:4	36:11 75:11	surely 17:14	39:17,19,22
square 19:16	12:22 14:13	stores 34:15	surface 27:7,9	40:1,3 43:1,8
stable 66:13	16:11,12 39:14	40:10	surplus 54:5	58:14 61:5
staff 37:1	statutes 11:4	storing 25:7	surprised 15:13	62:7,16 64:17
standard 15:19	55:8,11	straightforward	suspected 60:8	64:18 65:2,4
26:9,10,12	statutory 11:22	10:9	70:20 72:13	65:21 66:11
59:3 60:11,17	49:5 50:15	strange 60:21	system 12:17	68:2,6 69:18
61:22 62:22	53:9,15	Street 2:9	23:8 32:12,14	71:15 73:2,18
64:21 65:19	Stein 1:17 3:8,11	strong 86:6	36:15 57:16,18	73:20 74:6,21
67:6	4:2,10 5:1,6,18	struggling 63:12	66:6 74:19	78:15,22 79:2
standpoint	6:17 10:4,22	stuff 32:9 41:17	87:14 88:4,10	79:8 80:12
79:21	11:10 14:17	stupid 71:11		82:15 85:4
stands 93:16	16:2,19 17:6	subject 42:2	T	tanks 18:22 20:4
start 42:13 46:1	18:10 19:15	subsections	table 4:5	21:1,2,14,18
62:3,15	20:10 21:13	19:18	take 7:16,22	21:21,22 22:19
started 42:8,11	22:15 23:5	subsequent 6:15	9:10,15 12:2	23:7,8,12 24:1
65:17	24:18 26:20	substances 19:3	13:14,19 14:2	24:2,10,12,15
state 3:19 7:3	27:4 28:4,7,17	25:7	15:6 38:10,11	26:15,16,17,20
10:14 11:5,6,8	29:17 30:17	sufficient 6:18	38:13 54:2	26:22 27:1,13
12:4,11,14,16	31:12 32:14	6:20 7:15 8:17	57:5 64:14,17	27:14,19 29:2
13:5 47:2 49:5	33:1,16,22	53:15	67:22 91:12	56:3,6,6,9,9,17
50:18,20 51:6	37:12,22 38:7	suggest 8:1 14:3	92:14	56:21,22 57:1
51:12 53:2	38:12,18 39:2	34:21,22 44:15	taken 12:11 53:4	57:2,5 65:10
55:10 72:2	39:5 40:6,12	70:9	talk 18:7 46:5	69:17 73:9
85:1	40:22 45:15,21	suggested 31:4	talked 7:4 33:20	78:8,13,19
statement 16:14	48:3 52:9	suggesting 13:16	50:8	79:18 82:9
34:14,17,19	54:20 55:6,20	73:7	talking 14:10,11	tank-by-tank
states 1:1 3:3	56:13 59:17	suggestion 85:10	20:1 21:22,22	18:16 19:8,12
11:2 14:21	63:10 72:18	suggests 13:22	53:3 55:2,9	19:14 29:10
15:5,8,8,13	74:5,11 79:5	suit 7:17 11:10	57:3 93:7	30:16 31:9,10
17:21 30:20	80:4,18,22	11:11 54:18	talks 26:4 43:22	56:2 58:19
31:4,7 46:21	81:5,18 88:12	55:17	56:21 73:2,3	tank-release
47:10 48:21	92:19 93:11,14	Suite 2:4	tallies 91:17	58:2 81:20
49:2,19 50:10	stick 65:10	sump 86:17 87:4	tank 12:17 18:21	82:3
50:11 52:19,21	stipulated 40:8	87:14 88:9	19:20 20:1,2,3	tape 75:20,21
54:1,2,5 55:3	stipulations 81:7	super 21:5 24:16	20:4,6,9 21:3,3	78:1
61:16 71:14	stop 43:1	supervisory	22:1 23:4,15	tapes 76:7
79:14	stopped 50:21	51:14	23:16,20 24:3	teach 23:12
station 23:7	58:20	supplants 28:21	24:13 25:3,5,7	technical 41:17
46:11 66:7,8	storage 18:21	supplier 22:9,10	25:10 26:11	47:6 59:18
	1	<u> </u>	1	<u> </u>

87:20	testifying 81:13	29:7,13 33:19	told 15:21 73:14	understand 3:14
tell 38:7 46:4	testimony 7:2	36:22 37:4,5	84:1,5	20:15 29:1
64:19 73:12	9:6 14:18	41:6 45:17	top 80:21	40:7 43:18
75:12	16:17 17:9,13	51:7,17,18	totals 60:7	44:14 46:9,14
telling 33:3	33:9 50:19	53:17,21 56:2	transcript 8:12	46:15 61:11
49:19 50:3	67:3 75:7	56:16 57:1	64:13	63:13 79:17
tells 64:16	86:10 88:19	59:17,19 63:4	transition 34:9	81:7,10 84:7
temperature	90:10	76:7 78:8	treat 70:17	understanding
65:5 66:13,17	testing 38:4 43:8	80:11 82:2	trial 50:19 86:16	9:9 28:18
66:18,19,21	63:18 71:1	90:22	87:16 88:19	37:13,17 50:22
terms 5:7 7:21	79:8 81:8	70:22 Thomas 2:3 3:21	tribunal 6:22	79:6,9 80:7
			ł '	
13:2 26:4	83:10 84:18	4:8	tried 77:4	understood
47:22 48:19	tests 19:8 20:16	thought 11:17	tries 47:9	89:22
54:8	26:5,9 32:21	51:5 63:6	triggers 70:7	Unfortunately
test 20:8 32:1	34:22 35:1,7,9	thousand 67:19	truck 66:16	25:8
34:16,21 35:3	36:17 65:14	three 4:20 7:3	trucks 23:15	unit 64:6,6
35:5,8,10,19	72:3,11 74:1	24:12 49:2	true 10:12	73:19
36:1,2,11,12	75:11,16 84:10	50:20 61:15	trumps 29:6	United 1:1 3:3
36:12,14,14	84:19 85:11	76:9 82:15	trust 33:19	unnecessarily
37:3 39:11,15	86:12	90:16,16	trusts 90:16,17	42:3
40:2,9,13,16	Thank 4:2,10	three-year 82:10	try 16:16 31:20	unusually 48:22
40:18,19 41:3	33:16 45:13,18	throughput 21:8	66:8 68:17,18	uphold 47:13
41:8 42:22	55:20 88:12	60:10,12 69:14	trying 46:21	Upper 2:4
43:3,11 44:6	93:10,10,14	tight 37:4 86:17	63:13 67:6	urging 10:6
44:10,15 45:2	THEODORE	86:19 87:2	Tuesday 1:10	use 24:5 33:10
64:11,22 65:12	88:13	tighten 25:21	turn 42:21 83:7	33:18 34:13
65:20 66:8,10	theoretically	tightened 87:1	turned 42:19	35:11 36:19,21
66:15,20,22	32:2	tightness 37:3	twice 22:5	46:15,22 63:17
67:6,8,11,14	thereto 19:1	71:15 79:8	two 20:5 21:1,2	67:16 76:21
71:5,7,12,15	theses 27:14	83:10 84:10	21:14,17,18	79:6,12
71:17 72:3	thing 5:15 15:6	85:21	23:6 24:11,16	UST 18:21 46:11
75:4,11,12,13	31:21 39:18	time 3:16 5:2	27:12,19 29:2	52:21
75:19,20 77:5	58:17 82:3	12:18 13:9,14	58:22 61:15	USTs 74:16
77:14 78:2	87:8 91:3	14:6 51:11	65:3,3,20	usually 51:20
80:3 83:12,14	things 13:10	52:18 57:22	type 61:1 67:17	U.S 2:6,8,12,13
83:19,20 84:22	19:19 20:12	58:15 65:1		
85:7,14,14,17	32:10 36:17	68:8 77:15	U	V
85:22 86:3,17	38:19 50:7	78:4,22 83:12	unable 66:2	valid 8:4 42:20
86:19 92:6,6	57:10 63:10	84:21,21 86:12	unclear 79:19	42:22 66:8,10
tested 44:20	71:11	93:4	underground	67:11 68:13
testified 8:22	think 6:4,8 7:1,6	times 30:2 61:14	12:17 18:21	69:5,5,8,22
10:20 41:13	7:14 8:3,15,16	67:8	19:1 20:2,2	70:3,6,11
63:5 68:16	11:15 14:2,8	TLS-250 32:19	23:20 24:15	75:13 77:9
83:3 87:19	14:12 16:16	32:19 33:10,12	25:5,6 29:13	80:1 81:13
	17:10,12,15	33:19	39:17 78:19	validly 66:2
92:3,3,22		ı	L 70.10	
92:3,3,22 testify 30:8	18:5 23:11	TLS-350 32:13	79:18	valuable 90:22
92:3,3,22 testify 30:8 84:21	18:5 23:11 25:13,20 28:2	TLS-350 32:13 today 39:22 40:5	underneath 27:8	variance 88:20

	1	<u></u>	l	
varies 75:14	25:18 29:15	worth 89:10,17	15 38:17 80:20	34 45:3
various 14:21	41:21 44:7	wouldn't 9:22	15-minute 68:1	350 33:13 42:8
31:20 42:9	57:7 58:21	39:7 86:19	1650 2:9	42:11,12,15,17
43:8 69:9	61:7 67:15	writing 6:5	18 1:10	
Veeder-Root	68:18,20 69:4	49:12 52:15,17	19103-2029 2:10	4
75:19	73:17	55:10,19	1987 58:9	40 18:18,19
verbal 18:13	ways 5:10 89:5	written 5:13	1993 60:1	40,000 27:20
93:13	welcome 82:20	6:14 15:1	1995 84:11	45 3:15
version 32:11	went 40:17 72:2	49:16,18,22	1998 40:1	464-1400 2:5
42:1	90:4	50:2 53:6	1999 85:14,15	47 47:18
vices 65:17	weren't 67:14			5
view 8:13 11:21	82:14 88:19	X	2	
16:12 53:12	89:14	x 1:3,7 41:4	20,000 23:19	50 23:7,12 24:10
violate 47:15	we're 18:3 55:9		27:21	24:14
violated 47:16	59:17 89:19,20	Y	20,000-gallon	50-tank 23:21
violation 10:14	93:7	Y 41:4	24:1	54 47:18
13:5 72:8	we've 68:5	year 41:8 82:11	2000s 31:6	556-0007 2:10
80:13 83:16	whatsoever 6:6	83:15	2001 85:13	57 47:19
85:3	51:18	years 36:8 58:13	2002 84:1	6
violations 46:19	willing 47:4	61:15 82:15,16	2003 68:10	6 17:18 38:16
48:16 51:5	witness 16:22	Yuen 63:5 90:11	80:16	617 2:10
53:1	86:5	92:1,3,8,10 V 20:50:16	2007 1:10	01/2.10
violator 11:5	witnesses 51:6	Y-30 59:16	201 2:4	7
Virginia 1:5 2:2	85:19 87:18	60:21 62:21	20772 2:4	7 17:19
3:5 30:2,4	Wolgast 1:18	Z	22 38:17	
volume 32:5	3:8 8:13 11:15	Z41:4	23 21:15 41:9	8
volumes 26:18	11:21 26:2		46:8	8,000 22:11
W	36:10,20 37:7	0	24 66:1 67:7	87 78:20
	43:14 44:11	06-05 1:5 3:7	280.12 18:18,19	88 58:10
wagon 23:15	53:12 59:8	06-063:7	28:5,18 29:6	
24:13	69:2 77:7 78:3		56:14,16	9
wall 64:7 65:9	81:19 89:22	11	280.41 73:8	9 38:17
73:20	91:15 92:8,11	1 26:7 38:15	74:15	90s 30:6
want 18:10	wondering	60:12,13	280.43 28:21	906(a)(2) 13:3
20:10 27:18 38:10 45:5	52:12	10 58:12	29:6 72:22	
64:8 80:4	word 56:17	10:35 1:14	74:17	
wanted 15:6	wording 13:3	12 34:16 35:8	280.43(a) 19:15 26:4	
25:9 52:6	words 10:19	40:10 41:8	280.50 43:19	
wants 90:13	24:5 27:13	75:6,7	200.30 43.17	
warnings 46:20	32:8 79:22	12,000-gallon	3	
47:17	82:7	24:1,3	3RC30 2:9	
Washington 1:2	work 23:8 54:16	12:08 93:18	30 73:9 74:20	
1:9 2:13	59:15 66:9	1201 1:9	300,000 78:19	}
waste 12:5 21:22	67:4 69:10,13 worked 69:11	13 81:3	3008 1:5 3:6	
watered 5:12		130 26:7 60:12	301 2:5	
way 9:6 14:13	77:16,18 works 52:20	14th 14:19	31 86:14 93:8	
, 5.0 1 1.15	WULKS 32.20	14406 2:4		
		•		<u></u>